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# on track

PRIVATE TRAINING OUTCOMES SURVEY

## SURVEY REPORT DECEMBER 1999

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## **Executive Summary**

Highlighted in this report are the key findings of the On Track - Private Training Outcomes Survey, an on-going survey designed to provide information about the profile and current status of graduates from various programs offered by B.C. Private Training Institutions (PTIs). This Survey Report presents data analysis for the latest 12 months (September 1998 to August 1999) of survey administration (referred to as Q9:Q12 data) as well as longitudinal analyses of key employment outcomes. This report also contains a section titled "What's New about On Track" in which changes that have recently occurred to the project have been outlined for the reader.

The main body of the report highlights the key findings of the information provided by 4,151 graduates who participated in this research in Q9:Q12. Overall, a 63.3% response rate was obtained for the Q9:Q12 survey administration period. The longitudinal analysis is composed of information provided by 7,049 graduates who participated in this research between Q5 and Q12 (March 1997 to February 1999 graduates).<sup>1</sup>

### **Key Findings: September 1998 to August 1999 Reporting Period (Q9:Q12)**

#### **The Majority of Unemployed Trainees Found Work in a Training-Related Area**

Over 75% of all pre-program unemployed and looking for work trainees found work in a training-related field upon completion of their program. Success in finding employment in a field somewhat or very related to their program of study varied for graduates of different programs. For example, approximately 93% of the employment found by Health Professions and Related Sciences program graduates was cited as "training-related". In contrast, a lower proportion of graduates who took Visual and Performing Arts (62.5%) and Construction Trades (69.6%) programs noted that their current work activity was very or somewhat related to the training taken.

#### **PTI Programs Have Varying Effectiveness in terms of Helping Unemployed Trainees Who Are Looking For Work Find Employment**

Overall, the found work rate for all graduates (regardless of pre-program status) was 79.0%. The found work rate for graduates who were unemployed and seeking employment prior to enrolment in their program was 74.4%. Most programs fell within the 70%-75% range, however pre-program unemployed graduates who completed studies in Construction Trades had lower found work rates (57.5%) and Health Professions and Related Sciences programs demonstrated higher found work rates (89.6%).

On average, 18.8% of pre-program unemployed PTI graduates found work while enrolled in their program. Overall, 74.7% of pre-program unemployed respondents seeking employment found work within eight weeks of completing their program (including those graduates who found work during the course of their program). The length of time

<sup>1</sup>Given the significant participation of graduates in this study, the results of this survey can be viewed with considerable confidence at the provincial level; however, given the smaller sample size associated with some sub-sample cohorts, caution should be exercised in the interpretation of some program and regional data, especially for those regions/programs with a relatively small number of participants.

taken to secure employment was fairly consistent across all program areas with the majority of graduates having found work during their program or within eight weeks of finishing their program.

#### **"Government Funding" an Important Source for Training Costs**

Approximately 40% of respondents cited government programs as their primary source of funding. Overall, of the graduates who were pre-program unemployed and looking for work and who cited Employment Insurance as their primary funding source, 72.4% stated they had secured work (either currently employed or paid job to start at a definite date in the future).

Provincial funding has slightly lower efficiency rates, as a lower proportion of individuals who cited Ministry of Human Resources/Ministry of Advanced Education, Training and Technology (65.9%) as their primary source of funding reported that they were currently employed.

Graduates who funded their training costs from their own savings/earnings were also characterized by a high efficiency rate as 70.2% had found employment after completion of a program. Graduates who had accessed Student Financial Assistance Programs to pay for their education had slightly lower efficiency rates, as 64.4% indicated that they were currently working.

#### **Overall, PTI Graduates Were Satisfied With Program Delivery**

In general, respondents were satisfied with the content of their program (75.7% of graduates rated program content as "good"), instruction received (75.5%) and learning materials provided (70.9%). The data suggests that most respondents (80.5%) felt that their main reason for enrolling in the program was met and 90.2% of graduates thought that the program provided them with the skills they expected to learn.

#### **The Majority of Graduates Would Take the Same Program Again**

Approximately 78% of graduates noted that they would take the same program again based on their past experience. Satisfaction with the program ranged from a low of 72.2% (Computer and Information Systems programs) to a high of 89.1% (Education programs).

Survey results indicate that while graduates were generally satisfied with their program choice, there was less satisfaction with their choice of institution. For example, whereas 78.0% of graduates noted that they would take the same program again, under three-quarters (71.8%) said that they would take the same program at the same institution again.

It should be stated that whether or not the graduate found work after completion of the program had a modest impact in terms of whether the graduate would choose the same program and same institution again. For example, a higher proportion (73.5%) of graduates who found work (post-program employed) would enroll in the same program/institution again as compared to graduates who were not working but actively seeking work (68.4%).

**Considerable Range In Earnings for PTI Graduates Who Found Work**

Among those individuals who had found a new or different job six months after graduation from a PTI program, the estimated average salary for those working full-time was approximately \$26,454 per year and \$13,381 for those graduates working part-time.

**Students Enroll In B.C. Private Training Institutions for Career-Related Reasons**

Analysis of information provided by survey participants suggests that approximately 9 out of 10 graduates enroll in a private training program primarily for career-related reasons. There was little difference in enrolment motivation on the basis of employment status, as both pre-program employed (88.2%) and pre-program unemployed/looking for work (94.5%) individuals shared similar career-related reasons for enrolling in a private training program.

**Student Demographics Vary by Program Area**

Overall, it appears that the private training institution graduates who participated in this survey were predominantly female (approximately 64%). Survey results indicated that students tended to study in areas traditionally oriented towards a specific gender. For example, females comprised the majority of graduates from Health Professions and Related Sciences (79.9%), Education (80.7%), Personal and Miscellaneous Services (79.8%) and Business Management and Administrative Services (72.5%) programs. In contrast, programs such as Construction Trades (90.6%) and Computer and Information Services programs (75.7%) tended to have a much higher proportion of male graduates.

Just over four out of ten graduates surveyed were less than 30 years old. However, Education was characterized by an older cohort of graduates with 52.9% of graduates were between the ages of 31 and 45 years old.

**Approximately 30% of Trainees Were Unemployed Prior to Enrolling in a PTI Program**

40.7% of PTI graduates were employed just before their enrolment in a program. In contrast, 30.2% of graduates were not working but actively seeking work prior to enrolment in their program. A significant number of graduates (28.9%) indicated that they were unemployed and not seeking work for various reasons including going to school, taking care of family, health reasons, etc.

## **Key Changes Over Time**

**September 1997 to August 1999 Survey Reporting Period (Q5:Q12)**

### **The Found Work Rate for Previously Unemployed Graduates has Decreased**

The proportion of graduates who were unemployed and looking for work prior to enrolling at a PTI and who found work after completing their program has decreased from 76.0% for Q7:Q8 graduates to 75.7% for Q9:Q10 graduates. For Q11:Q12 graduates, the found work rate has declined further to 72.9%.

The employment work rate calculation is: (# who found work / (# who found work + # unemployed and seeking work)).

### **Recent Graduates Experienced A Decrease In Satisfaction with Their Programs and Institutions**

Satisfaction rates have decreased steadily. Q7:Q8 experienced a satisfaction rate of 80.1%. This rate declined in Q9:Q10 to 75% and decreased even further to 70.2% for Q11:Q12. Overall, satisfaction levels have remained above 70% over the course of this project.

### **Usefulness of Training In Getting Work has Remained Steady**

Previously unemployed graduates were asked to rate the usefulness of their training in securing work. Although the usefulness rating had witnessed a slight increase in Q9:Q10 (73.3%), fewer graduates (71.7%) in Q11:Q12 found their training useful in securing employment.

### **Graduates Find Their Training Useful In Performing Work Activity**

A slightly higher proportion of Q9:Q10 graduates (77.1%) are of the opinion that their training helps them perform their current work as compared to Q7:Q8 graduates (74.3%) and Q11:Q12 graduates (75.7%).

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### **Institution Name**

- Academy of Learning - Broadway Station
- Academy of Learning - Burnaby
- Academy of Learning - Clearbrook
- Academy of Learning - Coquitlam
- Academy of Learning - Cranbrook
- Academy of Learning - Downtown
- Academy of Learning - Kamloops
- Academy of Learning - Kelowna
- Academy of Learning - Langley
- Academy of Learning - Nanaimo
- Academy of Learning - Penticton
- Academy of Learning - Prince George
- Academy of Learning - Richmond
- Academy of Learning - Salmon Arm
- Academy of Learning - Surrey
- Academy of Learning - Vernon
- Academy of Learning - Victoria
- Academy of Learning - Westside
- Advance School of Hair Design
- Amber Education Services
- Ardent Training Services Inc. - Burnaby
- Ardent Training Services Inc. - Vancouver
- Barkel Business School Ltd.
- Blanche MacDonald Centre for Applied Design
- British Columbia Helicopters Ltd.
- Burnaby College Ltd.
- Business Training Institutes of Canada Inc.
- Campbell River Business College
- Canadian Acupressure Institute Inc.
- Canadian College of Business & Language
- Canadian Tourism College - Surrey Campus
- Canadian Tourism College - Vancouver Campus
- CDI College of Business & Technology - Abbotsford
- CDI College of Business & Technology - Burnaby
- CDI College of Business & Technology - Coquitlam
- CDI College of Business & Technology - Surrey
- CDI College of Business & Technology - Vancouver
- CDI College of Business & Technology - Victoria
- Central Interior Regional Training Institute Inc
- CHCA Canadian Health Care Academy
- Columbia Academy of Radio, Television & Recording Arts
- Community Futures Development Corporation of Thompson Country
- CompuCollege School of Business - Abbotsford
- CompuCollege School of Business - Burnaby
- CompuCollege School of Business - Kelowna
- CompuCollege School of Business - Richmond
- CompuCollege School of Business - Surrey
- CompuCollege School of Business - Vancouver
- CompuCollege School of Business - Victoria
- Computer Master Training Centre
- Cornerstone Academy
- Cranbrook Chamber of Commerce
- Delorey Security and Defence Academy Inc.
- Excel Career College - Courtenay
- Excel Career College Inc.
- Fox Consulting Services
- Fox Professional Driving Centre (1993) Inc.
- Fraser-Pacific College Inc.
- Front Multimedia
- Gateway Careers Inc.
- Hair Art Academy
- Hair Education Centre, The
- Headhunters School of Beauty
- Helen Lefaeux Inc. School of Fashion Design
- Hollywood North School of Beauty
- Horizon College Burnaby/Vancouver Campuses
- Image School of Hairdressing
- Interconnect
- Interior Academy of Hair Design Kamloops Ltd.
- International Hairdressing School Ltd.
- Jeannie's Skin Care & Makeup Esthetics Institute
- Jim Reger Group, The
- Joji's Hair Academy
- Joslin Business Training Centre
- Karm-ed Institute Inc.
- Kimiko's School of Hair Design
- Kootenay School of Hairdressing
- Langley College
- Life Skills Training Centres (Canada) Ltd.
- M&I Art Institute of Beauty Hair Aesthetics Nail Technology

- Maple Ridge School of Esthetics
- McMillan College, The Training Centre
- Mennonite Central Committee of British Columbia
- Metro Training Institute (Surrey and Vancouver)
- Monashee Business College
- Mosaic
- N.W.C.C. Professional Training Centre
- North Shore Continuing Education/Employment Training Division
- Northern B.C. School of Hairdressing
- NV Food & Service Resource Group Ltd.
- Okanagan Marvel School of Hair & Esthetics (2 locations)
- P.E.N. International Travel Training Centre
- Pacific Design Academy
- Pacific vocational College Ltd.
- Paul da Costa Aveda Institute
- PD Seminars, Ltd.
- Pitman Business College Ltd.
- Prince George Dyslexic Support Society
- Pro-soft Training Institute
- Procare Institute Inc
- Professional Development Institute of Tourism
- Ray's International Academy of Hair Design & Esthetics
- RCABC Roofing Institute
- Rhodes Career College
- Richmond School of Hairdressing
- Ridge Meadows Business & Career Training Centre
- S.U.C.C.E.S.S.
- S.U.C.C.E.S.S.
- Safeway Driver Training School (1980) Ltd.
- Sanctuary Foundation
- Sprott-Shaw Community College - Chilliwack
- Sprott-Shaw Community College - Coquitlam
- Sprott-Shaw Community College - Duncan
- Sprott-Shaw Community College - New Westminster
- Sprott-Shaw Community College - Surrey
- Sprott-Shaw Community College - Vancouver
- Sprott-Shaw Community College - Victoria
- Stenberg College
- Suki's Advanced Academy
- Summit Career College
- Swanson's Canadian Institute of Electrolysis
- The Family Therapy Centre
- Tideline Ventures Inc.
- Tile Terrazzo & Marble Training Facility
- Touchpoint Institute of Reflexology and Kinesthetics
- Trebas Institute
- U.F.C.W. Local 2000 Training Centre
- Universal Learning Institute Ltd.
- Valle School of Beauty
- Vanarts
- Vancouver College Job Training Centre
- Vancouver Diving Institute
- Vancouver Film School-Multimedia & 3D Campus
- Victoria Motion Picture School
- West Coast College of Health Care
- Western Academy of Photography
- Westguard Security Training Institute
- Westnet Computers & Training Ltd.

***The following institutions have submitted Intake Information for future survey administration.***

- Academy of Learning - North Vancouver
- Alberni Beauty Academy
- Chemainus Native College
- CTI, Counsellor Training Institute Ltd.
- Dominelli European College of Esthetics & Make-Up Artist
- Dubrulle
- E & B Helicopters Ltd.
- Hilltop Security Academy
- Hilltop Security Academy
- Interior Academy of Hair Design - Vernon Ltd.
- International Institute of Travel
- Judi's School of Beauty
- Kutenai Art Therapy Institute
- Metropolitan Business School
- Montessori Training Centre of B.C.
- Okanagan Valley College of Massage Therapy
- Panda Computer Training
- Penticton School of Hairdressing
- Roggendorf School Of Hairdressing
- Sprott-Shaw Community College - Abbotsford
- Trend College (Kelowna) Ltd.
- Vancouver Career College
- West Coast College Of Massage Therapy Inc.

## **What's New About On Track**

- March 1999 marked the completion of the *On Track* pilot project and the first year of operation as an ongoing report to institutions. From April 1995 to March 31, 1999, *On Track* existed as a pilot project jointly funded through the Canadian/British Columbia Strategic Initiative Program. CEISS took over the management and administration of the *On Track - Private Training Outcomes Survey* on April 1, 1999. The project is sponsored by Human Resources Development Canada and the B.C. Ministry of Advanced Education, Training and Technology.
- On Track has a revised and updated website at <http://ontrack.ceiss.org>. The website includes copies of previous reports and newsletters, as well as current events and news items. The purpose of the *On Track* website is to keep private and community-based training institutions informed of material and events relevant to private training, as well as assisting government and the general public in making informed program and training decisions.
- CEISS now provides assistance to private training institutions in classifying their programs by the detailed Classification of Instructional Programs (CIP).
- Starting on August 1, 2000, private training institutions will be required to be accredited by the Private Post Secondary Education Commission (PPSEC) in order for students attending their institutions to access BC student financial assistance.
- On January 1, 2000 CEISS will take over institution support for On Track. Contact numbers are listed on the feedback page at the end of this report.



## **Section 1**

### **Introduction**

This section contains background information about *On Track – Private Training Outcomes Survey*, as well as technical aspects of the project. Information in this section is presented as follows:

- 1.1    What is Included in the Scope of Work
- 1.2    Who is Included in the Survey
- 1.3    Sample Design
- 1.4    Key Concepts and Definitions
- 1.5    Research Limitations

Further background information about the project is presented in Appendix A.

# 1.1

## 1.1 What Is Included in the Scope of Work

The *On Track - Private Training Outcomes Survey* is an on-going survey administered to a cohort of monthly graduates. The project ended its three year pilot in March 1999 and April 1999 marks the beginning of the project's first full year. This report includes the key findings of the *On Track - Private Training Outcomes Survey*, an on-going survey designed to provide information about the profile and current status of graduates from various programs offered by B.C. Private Training Institutions (PTIs). This survey report presents data analysis for the latest 12 months (September 1998 to August 1999) of survey administration (referred to as Q9:Q12 data) as well as longitudinal analyses of key employment outcomes (Q5:Q12).

The main objectives of the *On Track - Private Training Outcomes Survey* are to:

- Collect labour market information regarding private sector training; and
- Measure training outcomes of private training institutions.

The data obtained from the survey is to be used for the following purposes:

- To provide clients with information to make decisions about which field of study to take and which institution to attend;
- To provide private training institutions with survey information which could be used as a marketing tool;
- To provide the general public with labour market and training information; and
- To assist government/funders in making training expenditure/referral decisions.

Since its inception in 1995, the On Track project has grown from 82 to over 150 participating institutions. These numbers are expected to increase with the introduction of new regulations regarding accreditation. The results presented in this report are one way of sharing information with institutions. Other reporting initiatives of On Track include:

- Newsletter;
- Factsheets summarizing program highlights; and
- Updates on the On Track website.

At the end of each quarter, participating private training institutions are provided with the following deliverables:

- An electronic data file (Excel spreadsheet) of the institution's individual graduate responses to selected questions. A recent change to the reporting eligibility requirements was implemented in January 1999 whereby all institutions, regardless of the size of their quarterly sample, received the data for those respondents from whom permission to share their data was obtained.
- An electronic Word file of responses to specific open-ended questions. Verbatim comments are only provided to institutions for which greater than two responses to the question(s) are obtained.
- All institutions with more than eight graduates receive statistical tables developed by program area for each school. An average including all institutions that deliver the same program, and an average across all program areas, is also calculated.
- For large corporate schools, statistical tables are also developed by individual location compared to a corporate average.

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The data analyses in this report is presented by CIP program area classifications as well as by generic information for ease of reference. The information highlighted in this report is based on data obtained from March 1998 to February 1999 graduates (Q9:Q12). Data was collected during the period September, 1998 to August, 1999. Longitudinal analysis was conducted including graduates from March 1997 (Q5) to February 1999 (Q12).

As highlighted in Table 1-1A, the majority of respondents who participated in the survey graduated from a Business Management and Administrative Services (BMAS) program, as graduates from this program area represented approximately 53% of the total number of respondents. As detailed in the table, there were fewer graduates in Education (ED) (2.9%), Marketing Operations/Marketing and Distribution (MO/MD) (3.3%) and Computer and Information Services (C/IS) (3.5%) programs.

Data from graduates of Agricultural Business and Production, Communications, Mechanics and Repairers, Engineering Related Technologies, Vocational Home Economics, Psychology, Protective Services, Precision Production Trades and Transportation and Materials Moving Workers programs have been combined and reported under "Other Program Areas". The number of respondents from these program areas were too small to be reported. The minimum number of respondents required to have a program area reported separately was 100.

**Table 1-1A**  
**Distribution Rates for Q9:Q12 by Program by Respondent Region**

Region	BMAS	MO/MD	C/IS	P/MS	CT	ED	VPA	HP/RS	Other
Vancouver Island/Coast	20.0%	26.5%	10.4%	19.7%	2.8%	2.5%	35.5%	24.1%	31.1%
Lower Mainland	64.7%	73.5%	75.7%	49.6%	90.6%	61.3%	55.1%	63.0%	59.7%
Thompson-Okanagan	11.3%	0.0%	11.8%	15.9%	3.3%	15.1%	1.7%	8.0%	4.4%
Kootenay	0.8%	0.0%	0.0%	4.3%	0.0%	0.8%	0.4%	0.0%	1.4%
Cariboo	1.5%	0.0%	0.0%	3.3%	1.7%	10.9%	0.0%	2.3%	0.7%
North Coast	0.2%	0.0%	0.0%	0.2%	0.0%	2.5%	0.0%	0.2%	0.0%
Nechako	0.0%	0.0%	0.0%	0.2%	0.0%	3.4%	0.0%	0.9%	0.0%
North East	0.0%	0.0%	0.0%	0.5%	0.6%	0.0%	0.0%	0.5%	0.3%
Outside B.C.	1.3%	0.0%	2.1%	5.7%	1.1%	3.4%	6.8%	0.9%	2.4%
Outside Canada	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	.4%	0.0%	0.0%
Total	4107	4470	1421	3831	1380	118	421	427	351

n = 4,151



The data analyses in this report is presented by CIP program area classifications as well as by generic information for ease of reference. The information highlighted in this report is based on data obtained from March 1998 to February 1999 graduates (Q9:Q12). Data was collected during the period September, 1998 to August, 1999. Longitudinal analysis was conducted including graduates from March 1997 (Q5) to February 1999 (Q12).

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Data from graduates of Agricultural Business and Production, Communications, Mechanics and Repairers, Engineering Related Technologies, Vocational Home Economics, Psychology, Protective Services, Precision Production Trades and Transportation and Materials Moving Workers programs have been combined and reported under "Other Program Areas". The number of respondents from these program areas were too small to be reported. The minimum number of respondents required to have a program area reported separately was 100.

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Lower Mainland	64.7%	73.5%	75.7%	49.6%	90.6%	61.3%	55.1%	63.0%	59.7%
Thompson-Okanagan	11.3%	0.0%	11.8%	15.9%	3.3%	15.1%	1.7%	8.0%	4.4%
Kootenay	0.8%	0.0%	0.0%	4.3%	0.0%	0.8%	0.4%	0.0%	1.4%
Cariboo	1.5%	0.0%	0.0%	3.3%	1.7%	10.9%	0.0%	2.3%	0.7%
North Coast	0.2%	0.0%	0.0%	0.2%	0.0%	2.5%	0.0%	0.2%	0.0%
Nechako	0.0%	0.0%	0.0%	0.2%	0.0%	3.4%	0.0%	0.9%	0.0%
North East	0.0%	0.0%	0.0%	0.5%	0.6%	0.0%	0.0%	0.5%	0.3%
Outside B.C.	1.3%	0.0%	2.1%	5.7%	1.1%	3.4%	6.8%	0.9%	2.4%
Outside Canada	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	.4%	0.0%	0.0%
<b>Total</b>	<b>2,197</b>	<b>136</b>	<b>144</b>	<b>421</b>	<b>180</b>	<b>119</b>	<b>234</b>	<b>427</b>	<b>293</b>

n = 4,151



## 1.2 Who is Included in the Survey

4,151 graduates and 137 institutions participated in the December 1999 *On Track - Private Training Outcomes Survey*. The *On Track - Private Training Outcomes Survey* was characterised by a high valid response rate for Q9:Q12, with 63.3% of graduates participating in the study. By program area, response rates ranged from a high of 74.8% for Education to 57.4% for Personal and Miscellaneous Services (P/MS).

**Table 1-2A**  
**Response Rates and Maximum Variation by Program Area**

Program Area	Names Submitted	Out of Scope/Non-Qualifier	Out of Scope Rate	NIS*	NIS Rate	Survey Completions	Valid Response Rate	Maximum Variation* *(+/-%)
BMAS	3,833	397	10.4%	952	24.8%	2,197	63.9%	1.3%
MO/MD	208	10	4.8%	45	21.6%	136	68.7%	4.7%
C/IS	268	35	13.1%	62	23.1%	144	61.8%	5.1%
P/MS	802	68	8.5%	251	31.3%	421	57.4%	3.1%
CT	313	12	3.8%	104	33.2%	180	59.8%	4.6%
ED	164	5	3.0%	33	20.1%	119	74.8%	4.5%
VPA	424	29	6.8%	130	30.7%	234	59.2%	4.1%
HP/RS	732	65	8.9%	188	25.7%	427	64.0%	2.8%
OT***	619	27	4.4%	140	22.6%	412	69.6%	n/a%
<b>TOTAL</b>	<b>7,199</b>	<b>643</b>	<b>8.9%</b>	<b>1,872</b>	<b>26.0%</b>	<b>4,151</b>	<b>63.3%</b>	<b>0.9%</b>

\*Telephone not-in-service

\*\*Maximum variation based on sample (n) survey respondents, and population universe

\*\*\*Program areas with small population; are grouped together in 'other program areas'

The number of graduate names submitted by each individual institution may differ slightly from the number of respondents actually included in the sample due to the following:

- duplicate names submitted by the institution;
- submission of student names for programs originally not targeted in this study;
- student names for programs which contain less than 25 program hours;
- submission of names of students known to be living outside of Canada;
- no phone number or locational comments provided for the student;
- student is still in the program/never attended the program;
- student completed less than 75% of course content

Graduates were contacted to complete the survey approximately six months after graduation. In total, 7,199 names were submitted by 137 private training institutions. Of the 7,199 names received, 643 did not meet the criteria to participate and were considered to be "out of scope", resulting in a valid sample of 6,556 respondents.

Based on the valid sample size, a response rate of 63.3% was obtained for Q9 to Q12 graduates. Approximately 26.0% of the telephone numbers provided for graduates were no longer in service/respondent not at this number/new number unavailable (NIS). The Consultant tried up to six new numbers (across B.C. and throughout Canada) to attempt to locate the correct respondent.

# 1.2

## 1.2 Who is Included in the Survey

4,151 graduates and 137 institutions participated in the December 1999 *On Track - Private Training Outcomes Survey*. The *On Track - Private Training Outcomes Survey* was characterised by a high valid response rate for Q9:Q12, with 63.3% of graduates participating in the study. By program area, response rates ranged from a high of 74.8% for Education to 57.4% for Personal and Miscellaneous Services (P/MS).

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MO/MD	208	10	4.8%	45	21.6%	136	68.7%	4.7%
C/IS	268	35	13.1%	62	23.1%	144	61.8%	5.1%
P/MS	802	68	8.5%	251	31.3%	421	57.4%	3.1%
CT	313	12	3.8%	104	33.2%	180	59.8%	4.6%
ED	164	5	3.0%	33	20.1%	119	74.8%	4.5%
VPA	424	29	6.8%	130	30.7%	234	59.2%	4.1%
HP/RS	732	65	8.9%	188	25.7%	427	64.0%	2.8%
OT***	619	27	4.4%	140	22.6%	412	69.6%	n/a%

\*Telephone not-in-service

\*\*Maximum variation based on sample (n) survey respondents, and population universe

\*\*\*Program areas with small population; are grouped together in 'other program areas'

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- submission of student names for programs originally not targeted in this study;
- student names for programs which contain less than 25 program hours;
- submission of names of students known to be living outside of Canada;
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**Response Rates by Institution**

As detailed in Table 1-2B, response rates by institution ranged from a high of 100% to a low of 0%. The two institutions with 0% response rates supplied the names of one to three graduates and were characterized by a high proportion of graduates for whom telephone numbers were not-in-service (NIS) or not provided. In general, lower response rates observed in Table 1-2B below can be attributed to high NIS rates.

**Table 1-2B**  
**Response Rate and Not-in-Service Rate by Institution Q9:Q12**

School Name	NIS Rate	Valid Response Rate
Academy of Learning - Broadway Station	37.7%	45.7%
Academy of Learning - Burnaby	26.8%	67.1%
Academy of Learning - Clearbrook	26.7%	69.2%
Academy of Learning - Coquitlam	21.3%	70.7%
Academy of Learning - Cranbrook	33.3%	33.3%
Academy of Learning - Downtown	25.9%	66.7%
Academy of Learning - Kamloops	40.0%	54.2%
Academy of Learning - Kelowna	29.6%	56.5%
Academy of Learning - Langley	12.2%	77.8%
Academy of Learning - Nanaimo	44.2%	44.7%
Academy of Learning - Penticton	36.8%	33.3%
Academy of Learning - Prince George	26.0%	64.4%
Academy of Learning - Richmond	6.9%	81.8%
Academy of Learning - Salmon Arm	25.9%	47.6%
Academy of Learning - Surrey	15.6%	64.5%
Academy of Learning - Vernon	39.3%	43.2%
Academy of Learning - Victoria	21.2%	65.6%
Academy of Learning - Westside	26.7%	66.7%
Advance School of Hair Design	39.1%	43.5%
Amber Education Services	11.1%	80.0%
Ardent Training Services Inc. - Burnaby	12.8%	82.1%
Ardent Training Services Inc. - Vancouver	22.0%	70.7%
Barkel Business School Ltd.	25.0%	64.1%
Blanche MacDonald Centre For Applied Design	38.1%	49.5%
British Columbia Helicopters Ltd.	14.3%	83.3%
Burnaby College Ltd.	22.9%	68.6%
Business Training Institutes of Canada Inc.	53.3%	30.8%
Campbell River Business College	0.0%	100.0%
Canadian Acupressure Institute Inc.	50.0%	42.3%
Canadian College of Business & Language	50.0%	40.0%
Canadian Tourism College - Surrey Campus	17.6%	71.9%
Canadian Tourism College - Vancouver Campus	22.3%	70.5%
CDI College of Business & Technology - Abbotsford	28.2%	63.9%
CDI College of Business & Technology - Burnaby	16.5%	68.7%
CDI College of Business & Technology - Coquitlam	33.3%	50.0%
CDI College of Business & Technology - Surrey	26.6%	60.8%
CDI College of Business & Technology - Vancouver	20.6%	65.7%
CDI College of Business & Technology - Victoria	29.8%	60.2%
Central Interior Regional Training Institute Inc.	100.0%	0.0%

CHCA Canadian Health Care Academy	13.6%	57.1%
Columbia Academy of Radio, Television & Recording Arts	35.8%	53.1%
Community Futures Development Corporation of Thompson	7.0%	91.1%
Country		
Compucollege School of Business - Abbotsford	23.9%	62.7%
Compucollege School of Business - Burnaby	11.1%	75.0%
Compucollege School of Business - Kelowna	31.9%	63.9%
Compucollege School of Business - Richmond	26.3%	62.5%
Compucollege School of Business - Surrey	31.3%	57.5%
Compucollege School of Business - Vancouver	28.6%	61.9%
Compucollege School of Business - Victoria	45.6%	42.3%
Computer Master Training Centre	15.4%	74.1%
Cornerstone Academy	22.4%	72.4%
Cranbrook Chamber of Commerce	10.5%	78.9%
Delorey Security And Defence Academy Inc.	23.9%	63.6%
Excel Career College - Courtenay	14.8%	76.0%
Excel Career College Inc.	28.3%	67.3%
Fox Consulting Services	40.0%	60.0%
Fox Professional Driving Centre (1993) Inc.	20.0%	80.0%
Fraser-Pacific College Inc.	12.9%	86.7%
Front Multimedia	22.2%	57.1%
Gateway Careers Inc.	31.0%	60.2%
Hair Art Academy	37.5%	62.5%
Hair Education Centre, The	30.4%	57.1%
Headhunters School of Beauty	33.3%	66.7%
Helen Lefeaux Inc. School of Fashion Design	8.3%	83.3%
Hollywood North School of Beauty	0.0%	100.0%
Horizon College Burnaby/Vancouver Campuses	25.0%	64.9%
Image School of Hairdressing	0.0%	100.0%
Interconnect	58.3%	41.7%
Interior Academy of Hair Design Kamloops Ltd.	23.3%	67.9%
International Hairdressing School Ltd.	50.0%	50.0%
Jeannie's Skin Care & Makeup Esthetics Institute	23.3%	54.3%
Jim Reger Group, The	28.9%	61.1%
Joji's Hair Academy	33.3%	66.7%
Joslin Business Training Centre	19.7%	75.4%
Kam-Ed Institute Inc.	44.1%	47.0%
Kimiko's School of Hair Design	30.8%	61.5%
Kootenay School of Hairdressing	37.5%	62.5%
Langley College	20.0%	57.1%
Life Skills Training Centres (Canada) Ltd.	31.6%	64.9%
M&L Art Institute of Beauty Hair Aesthetics Nail Technology	0.0%	50.0%
Maple Ridge School of Esthetics	100.0%	0.0%
McMillan College, The Training Centre	33.6%	60.7%
Mennonite Central Committee of British Columbia	14.3%	76.5%
Metro Training Institute (Surrey And Vancouver)	29.4%	64.6%
Monashee Business College	19.6%	76.5%
Mosaic	23.5%	75.8%
N.W.C.C. Professional Training Centre	19.0%	73.2%
North Shore Continuing Education/Employment Training Division	10.8%	77.1%
Northem B.C. School of Hairdressing	50.0%	50.0%
NV Food & Service Resource Group Ltd.	22.7%	54.5%
Okanagan Marvel School of Hair & Esthetics (2 Locations)	32.8%	63.2%

P.E.N. International Travel Training Centre	27.8%	56.3%
Pacific Design Academy	37.7%	54.7%
Pacific Vocational College Ltd.	20.0%	72.1%
Paul Da Costa Aveda Institute	44.4%	55.6%
Pd Seminars, Ltd.	0.0%	100.0%
Pitman Business College Ltd.	19.1%	68.9%
Prince George Dyslexic Support Society	0.0%	100.0%
Procare Institute Inc	0.0%	100.0%
Professional Development Institute of Tourism	33.3%	66.7%
Pro-Soft Training Institute	20.5%	76.7%
Ray's International Academy of Hair Design & Esthetics	43.8%	30.8%
RCABC Roofing Institute	25.5%	66.7%
Rhodes Career College	28.3%	66.7%
Richmond School of Hairdressing	15.4%	72.2%
Ridge Meadows Business & Career Training Centre	13.1%	77.6%
S.U.C.C.E.S.S.	7.1%	88.0%
S.U.C.C.E.S.S.	0.0%	100.0%
Saferway Driver Training School (1980) Ltd.	10.7%	81.5%
Sanctuary Foundation	47.1%	47.1%
Sprott-Shaw Community College - Chilliwack	46.0%	40.0%
Sprott-Shaw Community College - Coquitlam	30.8%	62.0%
Sprott-Shaw Community College - Duncan	26.4%	67.3%
Sprott-Shaw Community College - New Westminster	39.8%	54.4%
Sprott-Shaw Community College - Surrey	31.6%	62.5%
Sprott-Shaw Community College - Vancouver	37.7%	53.1%
Sprott-Shaw Community College - Victoria	24.7%	66.0%
Stenberg College	22.1%	71.1%
Suki's Advanced Academy	17.9%	71.4%
Summit Career College	19.0%	78.9%
Swanson's Canadian Institute of Electrolysis	0.0%	100.0%
The Family Therapy Centre	16.7%	83.3%
Tideline Ventures Inc.	28.2%	63.2%
Tile Terrazzo & Marble Training Facility	42.9%	53.8%
Touchpoint Institute of Reflexology And Kinesthetics	2.5%	88.5%
Trebas Institute	37.6%	53.8%
U.F.C.W. Local 2000 Training Centre	41.6%	53.1%
Universal Learning Institute Ltd.	10.0%	69.8%
Valle School of Beauty	14.3%	57.1%
Vanarts	23.1%	76.9%
Vancouver College Job Training Centre	15.4%	76.9%
Vancouver Diving Institute	22.2%	62.5%
Vancouver Film School-Multimedia & 3D Campus	36.7%	49.1%
Victoria Motion Picture School	0.0%	100.0%
West Coast College of Health Care	23.5%	69.6%
Western Academy of Photography	17.3%	74.0%
Westguard Security Training Institute	16.7%	73.2%
Westnet Computers & Training Ltd.	7.1%	75.9%

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# 1.3

## 1.3 Sample Design

This report contains survey findings from graduates of targeted programs from B.C. private training institutions. Findings have been grouped by:

- (a) pre and (b) post program status;
- (a) employed, (b) unemployed and looking for work and (c) out of labour market/unavailable for work.

Table 1-3A provides the pre-program status of respondents as well as their post-program status . The following provides the post-program status of the 4,151 graduates surveyed approximately six months after completion of their programs:

- 661 were not working and seeking employment;
- 3,045 indicated that they were working;
- 442 stated that they were not working and unavailable to work; and
- 5 respondents did not provide any information about their current (post-program) activity.

HRDC and MAETT are particularly interested in identifying the number of previously unemployed individuals who "found work". This found work rate is calculated based on the unemployed sub-sample. Analysis of most other trends, however, incorporate data from the entire sample, with the exception of the respondents (548) who were employed/self-employed in the same job both before and after graduation from the program. Also excluded from the majority of the analyses are those respondents who were unavailable for work before and/or after the program.

**Table 1-3A**  
**Sample Stafification**

Pre-Program Status	Post-Program Status				
	Found Work	Not working/ Looking	Same Job/ Employer	Not Working Unavailable	Don't Know/ No Response
Not Working/Looking	861	297	-	96	1
Working	887	145	548	107	3
Not Working/ Unavailable	740	218	-	238	2
Don't Know/ No Response	6	1	-	1	-

### **1.3 Sample Design**

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**Table 1-3A  
Sample Stratification**

Pre-Program Status	Post-Program Status					Row Total
	Found Work	Not working/ Looking	Same Job/ Employer	Not Working/ Unavailable	Don't Know/ No Response	
Not Working/Looking	861	297	-	96	1	1255
Working	887	145	548	107	3	1690
Not Working/ Unavailable	740	218	-	238	2	1198
Don't Know/ No Response	6	1	-	1	-	8
<b>Column Total</b>	<b>2494</b>	<b>661</b>	<b>548</b>	<b>442</b>	<b>6</b>	<b>4151</b>

## 1.4 Key Concepts and Definitions

To assist the reader in interpreting the information presented in the report, the following definitions have been provided:

### PRE-PROGRAM EMPLOYED (1,690 RESPONDENTS)

Refers to the respondents who indicated that their major activity prior to enrolment was being employed or self-employed. It does not include those respondents who classified themselves as not working/looking for work or not working/not looking.

### PRE-PROGRAM UNEMPLOYED BUT LOOKING (1,255 RESPONDENTS)

Refers to the respondents who indicated that they were not working prior to enrolment at a PTI, but who were actively looking for work.

### PRE-PROGRAM UNEMPLOYED/UNAVAILABLE FOR WORK (1,198 RESPONDENTS)

Refers to the respondents who indicated that prior to enrolment at a PTI, their major activity was going to school, taking care of family, travelling, on maternity leave, doing something else, etc. It is a category that was created to classify those respondents who were unemployed and not seeking work.

### POST-PROGRAM EMPLOYED AND/OR CHANGE IN EMPLOYMENT STATUS (2,497 RESPONDENTS)

Refers to the respondents who indicated that they are currently working or stated that they have a paid job to start in the next four weeks. It includes those individuals who may have been employed before the program but are now doing different work as well as individuals who noted that they were now self-employed. This group does not include those individuals who held the same job before and after participation in the program.

### POST-PROGRAM NOT WORKING BUT LOOKING (661 RESPONDENTS)

Refers to the respondents who indicated that they are not currently working and do not have a paid job to start in the next four weeks. It does not include those respondents who classified themselves as not actively seeking employment.

### POST-PROGRAM NOT WORKING/UNAVAILABLE FOR WORK (442 RESPONDENTS)

Refers to the respondents who classified themselves as not available for work for various reasons including currently attending school, health problems, volunteering by choice, not yet legally entitled to work in Canada, etc. It does not include those respondents who are unemployed and actively seeking work.

### NO CHANGE IN STATUS (548 RESPONDENTS)

Refers to the respondents who were employed prior to enrolment and are currently working in the same job/employer (548 respondents).

# 1.4

## FOUND WORK RATES

Found work rates are expressed as a percentage of those who were pre-program unemployed and post-program employed. Graduates who were previously employed, but who found new or different work after their program are also included in the found work calculations for "all respondents".

Found work rates are recorded in the following areas:

- Key Statistics tables - "pre-program unemployed" and "all" columns,
- Subsections 3.1 to 3.9 – Key Characteristics tables, Tables 3-1A, 3-2A etc.

The table below describes the population used in the found work calculations.

**Table 1-4A**  
**Found Work Calculations are based on a Percentage of:**

Pre-program status	Calculation	Who is Excluded from Calculation
All graduates (includes previously unemployed, employed or unavailable for work)	$\# \text{ who found new or "different" work} / \# \text{who found new or "different" work} + \# \text{unemployed and seeking work}$	<ul style="list-style-type: none"><li>• Unavailable and not looking for work</li><li>• Same job, same employer</li></ul>
Previously unemployed graduates	$\# \text{ who found work} / \# \text{who found work} + \# \text{unemployed and seeking work}$	<ul style="list-style-type: none"><li>• Unavailable and not looking for work</li></ul>

## APPRENTICE (199 RESPONDENTS)

Students who are in the first, second or third level of their apprenticeship program have been excluded from the survey. Students in their final year (year 4) of their apprenticeship program have been included in their program area.

## 1.5 Research Limitations

It should be noted that, while the database consisted of 4,151 surveys, there were several limitations associated with the information obtained. CEISS has identified several possible caveats associated with the use of information from the *On Track – Private Training Outcomes Survey*.

- **Incomplete participation among Private Training Institutions.** Although the On Track Steering Committee made every effort to encourage all eligible private training institutions to participate in this study, several schools declined. Reasons cited included lack of time or administrative staff to compile the requested data. In addition many institutions were "non-qualifiers", having fewer than 10 trainees per year or serving primarily international students, etc. Hence, while the obtained data presents a comprehensive view of B.C. PTI graduates, it does not include all schools.
- **Student consent required.** The sample size of the graduate sample was affected by the necessity of obtaining student consent for the release of information to CEISS. Individuals who would not permit the PTI to release their names for survey purposes were not incorporated into the sample. CEISS is unable to determine the extent of sample attrition due to student "release of information" refusal.
- **Graduate, not a participant survey.** As this survey included only graduates and near completers of programs, the data cannot necessarily be extrapolated to reflect the views of all students who enrolled in a program at a PTI. Individuals who withdrew prior to completing 75% of the program content were not included in this study. The opinions and perceptions of this group could be markedly different from those of individuals who completed the program.

**Note:** New questions have been added to the questionnaire that will allow CEISS to report on the number of students that did not complete their programs and the reasons for not completing. This information will be available beginning Q13.

- **Potential for misinterpretation of programs.** While the private training institutions were provided with detailed guidelines as to how to classify their programs, it is likely that some courses were listed as programs, and some programs were arbitrarily allocated to one of the 20 broad program areas.
- **Small sample sizes for selected programs.** While the data for some programs can be viewed with considerable confidence (e.g., Business Management and Administrative Services – 2,197 completions, Personal and Miscellaneous Services – 421 completions), the relatively limited number of completions for programs such as Education (119) and Marketing Operations and Marketing Distribution (136) suggests that data for these programs should be interpreted with caution.
- **Inability to measure long-range impacts.** Given that the surveys were administered to students approximately six months after graduation, it was not possible to evaluate the long-term impact of the graduates' participation in the selected program.

Notwithstanding these limitations, the results of the research can be viewed with considerable confidence at the provincial level, as the 4,151 completions reflect a high response rate (63.3%) and include responses from graduates from most regions across British Columbia.



## **Section 2**

### **Overview of Graduates of Private Training Institutions**

The purpose of this section is to provide the reader with a picture of the characteristics of graduates who participated in the survey. The overview provided is based on data obtained from Q9:Q12 graduates who completed their program during the period (March 1998 to February 1999). In general, PTI graduates were asked several questions about their highest level of education, previous work history and equity group representation. The profiles outlined in Section 2 provide an overview of B.C. private training institution graduates.

Graduates from the following programs are included in this section:

- Business Management and Administrative Services (BMAS)
- Marketing Operations/Marketing and Distribution (MO/MD)
- Computer and Information Services (C/IS)
- Personal and Miscellaneous Services (P/MS)
- Construction Trades (CT)
- Education (ED)
- Visual and Performing Arts (VPA)
- Health Professions and Related Sciences (HP/RS)
- Other Programs Areas (OT) – including graduates of Agricultural Business and Production, Communications, Mechanics and Repairers, Engineering Related Technologies, Vocational Home Economics, Psychology, Protective Services, Precision Production Trades and Transportation and Materials Moving Workers.

Information in this section is presented as follows:

- 2.1 Overview by Program Type
- 2.2 Response by Gender
- 2.3 Other Characteristics of Graduates
- 2.4 Equity Group Representation
- 2.5 Highest Level of Education Completed
- 2.6 Source of Funding

## 2.1

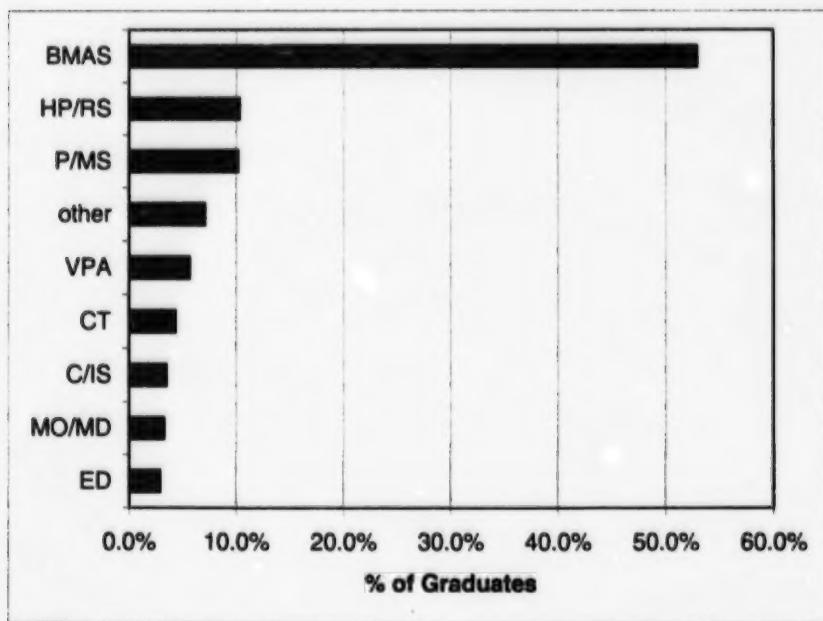
### 2.1 Overview by Program Type

Institutions provide information on students in programs classified under CIP (Classification of Instructional Programs). The CIPs are based on the standard of major field of study classifications developed by the US National Center for Education Statistics (NCES) and adopted by British Columbia in 1997 and Statistics Canada in 1998. Using a national standard to identify program areas allows for a more accurate comparison of programs.

One challenge for private training institutions submitting CIP coded program data is that programs are constantly evolving in order to meet the needs of students and the marketplace. Although CEISS now provides assistance to private training institutions in classifying their programs by detailed CIP, this does not ensure that coding has been consistently applied across institutions. In future surveys, CEISS will review institutions program classification against CIP standards to ensure consistency.

Eighteen program areas have been identified by *On Track*. Only nine had enough data to be reported independently. The other nine did not have high enough numbers to be reported individually and were all placed collectively in the 'Other Program Area' category. On the basis of program type, the majority of students had graduated from a BMAS (52.9%), HP/RS (10.3%) or a P/MS program (10.1%). Fewer respondents had completed programs classified as C/IS (3.5%), or ED (2.9%).

**Chart 2-1A**  
**Program Classification of Graduates**



n = 4,151 (see previous page for the full names of the abbreviated program codes)

## 2.2

### 2.2 Survey Responses by Gender

Of the 4,151 graduates who participated in the survey, 2,659 were female (64.1%) and 1,492 were male (35.9%). As noted in previous reports, survey results indicated that students tended to study in areas traditionally oriented towards a specific gender. For example, construction trades are dominated by males (90.6% versus 9.4% for females).

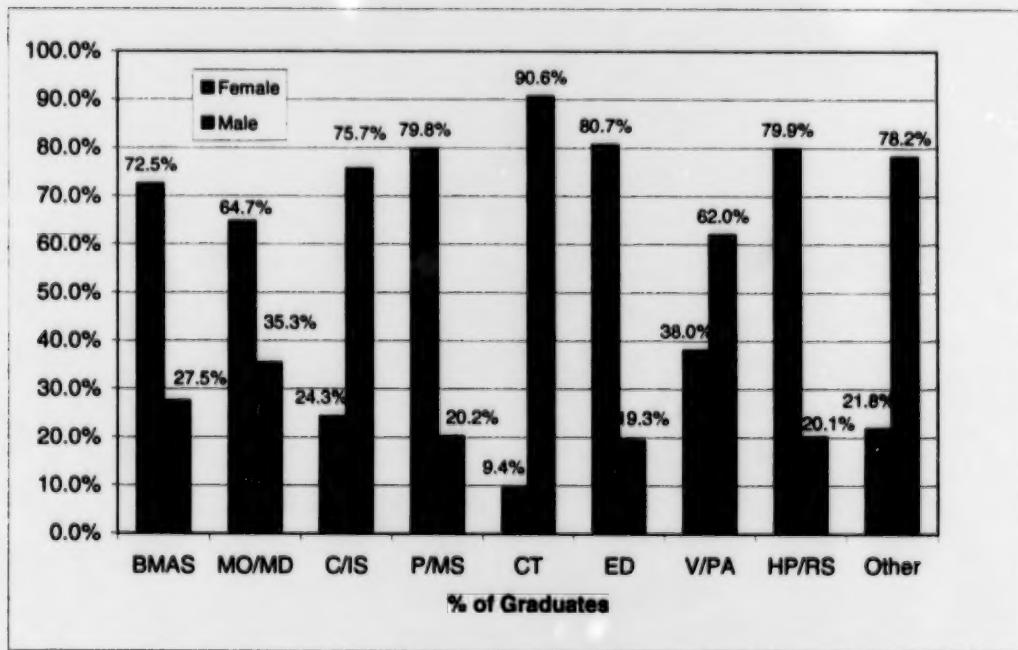
The following program areas were characterized by predominantly female graduates:

- Health Professions and Related Sciences (HP/RS), 79.9%;
- Education (ED), 80.7%
- Personal and Miscellaneous Services (P/MS), 79.8%;
- Business Management and Administrative Services (BMAS), 72.5%.

The following program areas were characterized by predominantly male graduates:

- Construction Trades (CT), 90.6%;
- Other Program Areas, 78.2%;
- Computer and Information Services (C/IS), 75.7%.

**Chart 2-2A**  
**Program Classification by Gender**



n=4,151

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### 2.3 Other Characteristics of Graduates

Over two-fifths of all graduates (43.0%) were 30 years of age or less and approximately 40.2% of graduates were between the ages of 31 and 45 years. As highlighted in Table 2-3A, there were considerable differences in the demographic profile of graduates across the various program areas. Whereas 69.7% of graduates from Visual and Performing Arts (VPA) were 30 years of age or younger, only 28.6% of graduates from Education (ED) programs were 30 years of age or younger. Other programs in which over half of the graduates were in the younger cohort include Construction Trades (62.8%) and Personal and Miscellaneous Services (61.5%).

**Table 2-3A**  
**Profile of PTI Graduates by Age Group**

Program	Sample Size	Age Group		
		Less than 30 years	31-45 years	46+ years
BMAS	2197	37.1%	42.6%	19.8%
MO/MD	136	30.1%	41.9%	26.5%
C/IS	144	45.1%	43.1%	11.8%
P/MS	421	61.5%	30.6%	7.8%
CT	180	62.8%	33.3%	2.8%
ED	119	28.6%	52.9%	18.5%
VPA	234	69.7%	25.6%	4.3%
HP/RS	427	44.0%	40.0%	15.5%
OT	293	35.8%	43.7%	18.8%
<b>All Programs</b>	<b>4151</b>	<b>43.0%</b>	<b>40.2%</b>	<b>16.3%</b>

Note: totals may not add to 100% due to rounding and/or no response

Approximately half of the graduates who had completed an Education program were in the 31-45 year age bracket (52.9%). The following program areas had more than 15% of graduates over 46 years of age: MO/MD (26.5%), BMAS (19.8%), OT (18.8%), ED (18.5%) and HP/RS (15.5%).

Highlighted in Chart 2-3A is the regional distribution of private training institutions and graduate' residence at the time of survey (regions as defined by Statistics Canada Development Regions). As noted in the chart, the majority of graduates surveyed resided in the Lower Mainland (63.8%) or in the Vancouver Island/Coast region (20.7%). The chart also shows that a higher percentage of graduates end up in the Lower Mainland or Vancouver Island than the rest of B.C.

## 2.3

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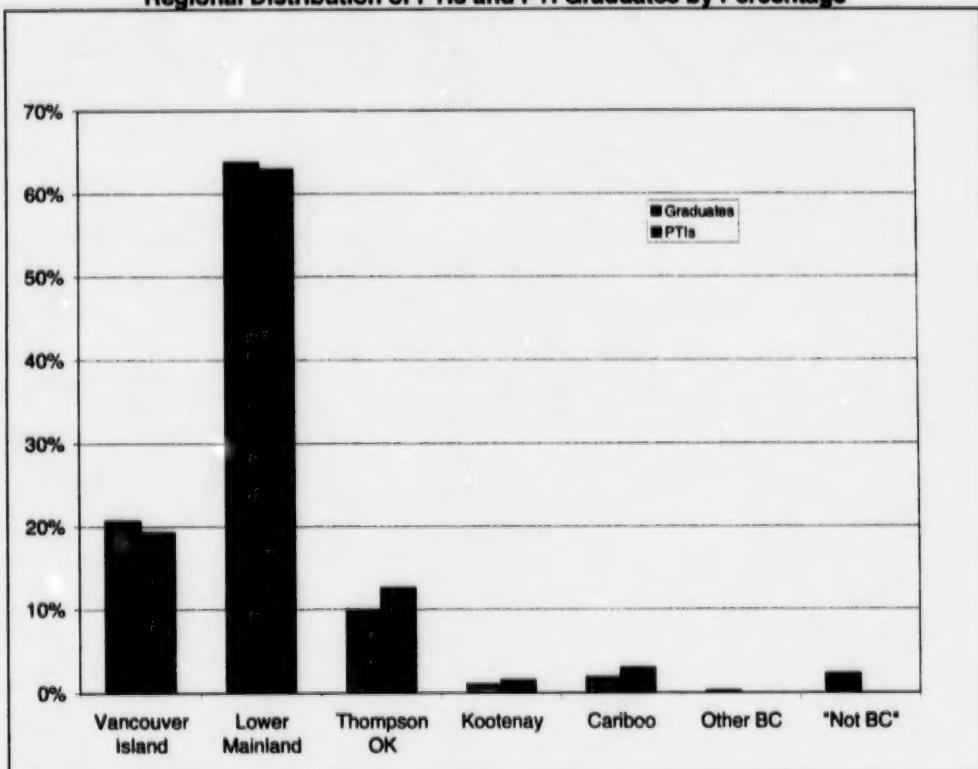
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Note: totals may not add to 100% due to rounding and/or no response

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Chart 2-3A  
Regional Distribution of PTIs and PTI Graduates by Percentage



n = 4,151

\*Refers to where respondent was residing at time of survey administration.

Note: "Other B.C." refers to graduates residing in other parts of B.C. "Not BC" refers to graduates residing out of the province (including both those within and outside the country).

# 2.4

## 2.4 Equity Group Representation

All respondents were asked the following questions to collect information necessary to support programs which promote equal opportunity for all individuals.

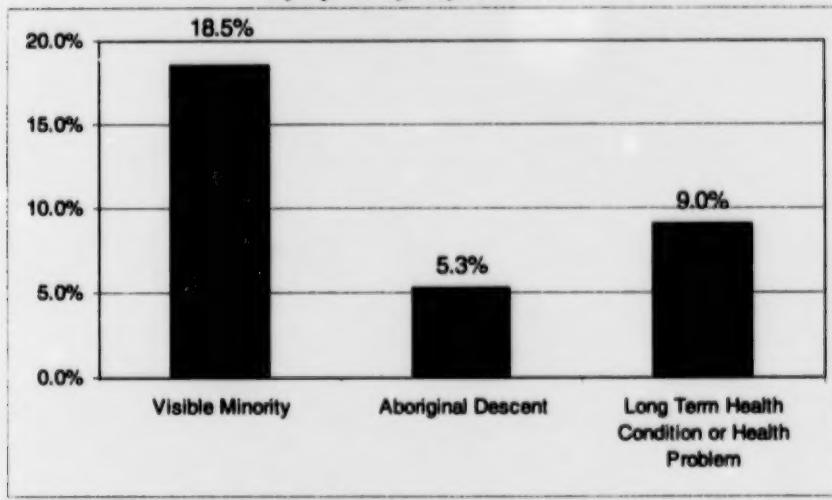
- Do you have a long-term condition or health problem that limits, or which you feel is perceived by others as limiting, the kind or amount of activity you can do in the workplace?
- Could you describe the nature of your disability?
- Are you an aboriginal person?
- Are you, because of your race or colour, in a visible minority group in Canada?

Information in this section is presented in two parts:

- Characteristics of Equity Group Graduates
- Analysis of Equity Issues – Found Work Rates

988 out of 4,151 respondents either indicated that they were of aboriginal descent (220 respondents) or identified themselves as members of a visible minority (768 respondents). Interviewers who administered the survey to graduates clarified with respondents that gender alone did not constitute minority status.

**Chart 2-4A**  
**Equity Group Representation**



There were 768 individuals who indicated that they were a part of a visible minority in Canada (18.5% of the total sample). Program areas with the greatest representation of visible minorities amongst their graduates included Marketing Operations/Marketing Distribution (32.4%), Health Professions and Related Sciences (22.4%) and Other Program areas (21.1%). Programs with below-average representation of visible minorities included Education (8.4%), Visual and Performing Arts (10.7%) and Construction Trades (13.3%). Institutions in the Lower Mainland had the highest representation, with 24.5% of graduates

indicating they considered themselves to be a member of a visible minority, while institutions in the rest of B.C. generally averaged representation of less than 10% in this equity group.

A total of 220 (5.3%) of respondents indicated that they were of aboriginal descent. Education programs had above-average enrolment of aboriginal students, with aborigines representing 21.0% of graduates. Visual and Performing Arts programs had the lowest aboriginal representation with 2.1 %.

Nine percent of graduates indicated that they had a long-term condition or health problem which limited, or which they felt others perceived as limiting, the kind or amount of activity they could do in the workplace. When asked to provide the nature of their disability, almost half of respondents stated limited mobility as their main disability. Highlighted in Table 2-4A are the types of conditions reported by respondents. Other disabilities described by respondents included back problems, chronic asthma, chronic fatigue syndrome, mental illness, and learning disabilities.

**Table 2-4A**  
**Nature of Disability of Graduates Who have a Long-Term Condition or Health Problem**

Type	% of Respondents
Mobility	43.0%
Coordination or dexterity	12.9%
Blind or visually impaired	2.6%
Deaf or hard of hearing	2.6%
Speech	0.2%
Other disability	38.7%
Don't know/no response	0.0%

n = 375

Program areas with the greatest proportions of respondents who indicated a long-term disability or health problem included ED (16.0%), OT (13.3%), and MO/MD (10.3%). Program areas least likely to have students with disabilities included VPA (5.6%) and CT (6.7%). Private training institutions on Vancouver Island generally averaged a higher representation of graduates with long-term disabilities or health problems (14.0%).

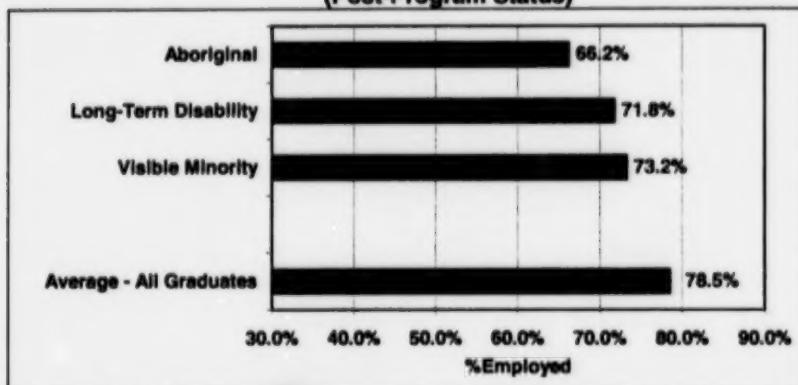
#### **Analysis of Equity Issues – Found Work Rates**

To determine if the existence of a limiting long-term condition or health problem, being of aboriginal descent, or being a member of a visible minority group created a barrier to employment, CEISS reviewed the survey results of respondents by their current work status. The percentages of employed graduates reported in Chart 2-4B, who also identified themselves as a member of these three designated equity groups, are calculated excluding the following: those who were doing the same job/employer pre- and post-program and those who were unavailable to work.

## 2.4

As highlighted in Chart 2-4B, it appears that while being a member of a visible minority (73.2% found work rate) had a minor impact on levels of unemployment, individuals who indicated that they were of aboriginal descent (66.2% found work rate), or who noted that they had a long-term health condition that did, or could, limit the kind or amount of activity that they were able to do in the workplace (71.8% found work rate), had lower placement rates than did PTI graduates who did not identify themselves as a member of these three designated equity groups (78.5% found work rate).

**Chart 2-4B**  
**PTI Graduate Found Work Rates – by Selected Equity Groups**  
**(Post-Program Status)**



n = 145 Aboriginal graduates, 248 long-term disabled, 579 visible minority and 3,073 for all graduates.  
Excludes those individuals employed in same job and same employer, and those individuals unemployed/unavailable to work.

### **Previously Unemployed Graduates**

Analysis of found work rates for those individuals who were unemployed pre-program suggests that participation in private training programs had some impact in terms of enhancing the employability of individuals from selected equity groups. For example, 51.4% of individuals with a long-term health disability who were unemployed prior to entry into their program were able to secure employment after participation in a PTI program.

Members of a visible minority who were unemployed pre-program were slightly less likely to find work (65.9% placement rate) than respondents who do not consider themselves part of a visible minority (70.8% placement rate).

Participation in a private training program by aboriginal respondents was not quite as effective in terms of reducing unemployment, with only 44.4% of pre-program unemployed individuals working six months after graduation.

**Table 2-4B**  
**Effectiveness of Participation in a PTI Program in Reducing Unemployment in Selected Equity Groups**

Group	Sample Size * (n)	Found Work (%)	% Not Working /Looking Post- Program
Aboriginal	54	44.4%	35.2%
Non-Aboriginal	1199	69.6%	23.2%
Have long-term health disability	107	51.4%	29.9%
No long-term disability	1143	70.3%	23.0%
Members of a visible minority	264	65.9%	28.0%
Not a member of a visible minority	928	70.8%	21.8%

\*Selected only for those individuals classified as pre-program unemployed. Total sample for members/non-members of visible minority excludes aboriginal graduates.

Note: Since long-term disability is not mutually exclusive of either aboriginal or visible minority status, some respondents could be represented twice.

## 2.5

### 2.5 Highest Level of Education Completed

Section B of the survey instrument targeted the level of education attained by the respondent prior to enrolling at their institution. All respondents were asked to provide their highest level of education completed. Responses are highlighted in Table 2-5A. Of the 4,151 respondents who completed the survey, 61.6% indicated that they had completed some post-secondary education prior to enrolling in their program and 38.2% said that their highest level of education was high school (27.1%) or less than Grade 12 (11.1%).

**Table 2-5A**  
**Highest Level of Education Completed by Program Classification**

Type	BMAS	MO/MD	C/S	P/MS	CT	ED	VPA	HP/RS	Other Prog	Program average
Less than Grade 12	9.5%	6.6%	6.3%	18.1%	21.7%	9.2%	5.6%	11.7%	15.4%	11.1%
High school graduate	26.4%	20.6%	19.4%	33.5%	35.6%	23.5%	27.4%	26.2%	26.6%	27.1%
Reg. apprenticeship/trade/vocational	14.4%	19.9%	12.5%	15.9%	20.0%	9.2%	14.1%	16.2%	17.1%	15.1%
College diploma	21.9%	21.3%	22.2%	16.6%	11.7%	28.6%	20.9%	22.5%	19.5%	20.9%
University – non degree	2.7%	1.5%	2.8%	1.2%	1.1%	3.4%	1.7%	2.8%	3.1%	2.4%
Bachelor's degree	9.6%	10.3%	14.6%	5.2%	1.7%	9.2%	11.1%	7.3%	8.5%	8.8%
Post graduate degree	4.8%	6.6%	9.7%	0.2%	0.0%	3.4%	1.7%	4.4%	2.7%	4.0%
Other/did not complete	10.5%	11.8%	12.5%	9.0%	8.3%	13.4%	17.5%	8.7%	7.2%	10.4%

n=4143, 8 respondents did not provide education level completed

Nearly 50% of all respondents indicated that they had completed some form of post-secondary education prior to entering their program such as a community college certificate/diploma (20.9%), a trade/vocational certificate or diploma (15.1%), a Bachelor's degree (8.8%) or a Post-Graduate degree (4.0%).

On the basis of program classification, respondents who had graduated from either a ED (28.6%), HP/RS (22.5%) or C/IS (22.2%) program reported higher education levels completed in community colleges than the program average (20.9%).

The most experience with previous post-secondary education can be observed amongst C/IS graduates, approximately three-quarters of whom had some post-secondary experience prior to enrolling in their program. C/IS graduates are characterized by the highest levels of education, with almost one-quarter holding some form of university degree, whether an undergraduate degree (14.6%) or post-graduate degree (9.7%).

## 2.6 Source of Funding

As part of this research, respondents were asked to indicate where they had obtained the funding needed to complete their training, and to support their living expenses.

Information in this section is presented as follows

- Sources of Funding for Training Costs
- "Efficiency" of Selected Funding Sources
- Sources of Funding for Living Expenses

### Sources of Funding for Training Costs

Respondents were asked to identify the top three funding sources for their training and rank them in order of importance. The funding sources identified included:

(a) Government Funding:

- Employment Insurance
- Ministry of Human Resources/Ministry of Advanced Education, Training and Technology (formerly Ministry of Education, Skills and Training)
- Ministry of Aboriginal Affairs

(b) Own Funding

- own savings/earnings/loans
- other savings
- Student Assistance Program
- Family

(c) Other Funding

- employer
- First Nations (Band)
- WCB/other insurance
- other
- Apprenticeship Board

As highlighted in Table 2-6A, overall, just over one in four graduates (26.7%) noted that their primary source of funding was from Employment Insurance. A high proportion of graduates, however, noted that their main source of funding was their own savings/earnings or other loans (23.1%) or the Student Financial Assistance Program (22.3%).

Just over one-half (50.6%) of students paid for their own training costs (includes those students who indicated that they received financial help from their family) to attend a private training institution. Approximately 40.5% of students noted that government funding was their primary source of funding.

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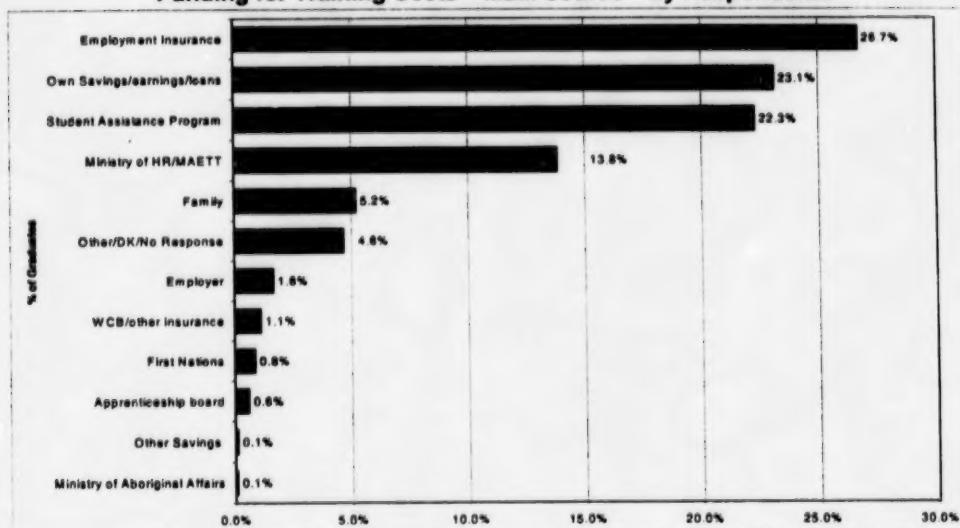
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**Chart 2-6A**  
**Funding for Training Costs – Main Source – by Respondents**



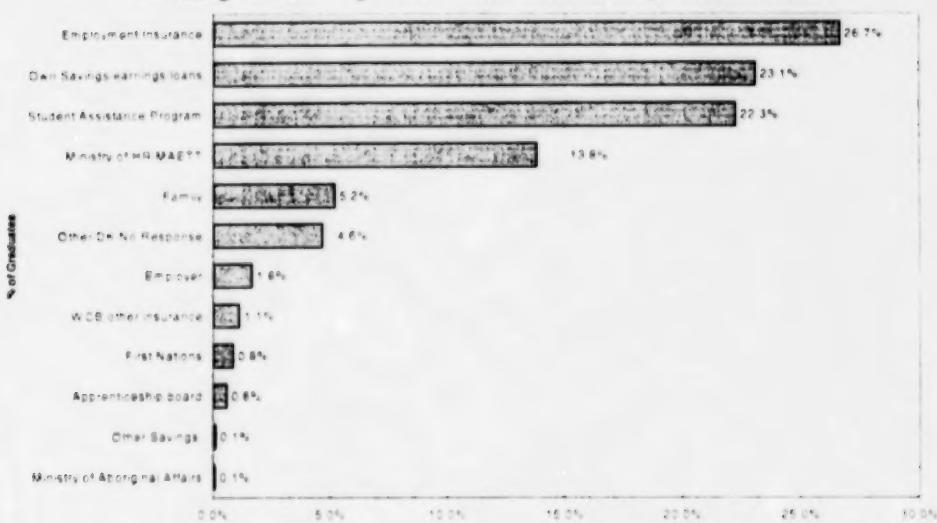
n=4,151

**Table 2-6A**  
**Source of Funding for Training – Main Source – by Program Classification**

Source	BMAS	MO/MD	C/IS	P/MS	CT	ED	VPA	HP/RS	OT	All Pgms
Own Savings/earnings/loans	19.8%	2.9%	24.3%	28.5%	6.7%	42.9%	25.2%	31.1%	37.9%	23.1%
Family	4.6%	0.0%	2.8%	9.0%	1.1%	8.4%	11.5%	4.0%	5.5%	5.2%
Other Savings	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	0.1%
Student Financial Assistance Program	21.7%	0.0%	35.4%	23.8%	3.9%	15.1%	34.2%	37.5%	10.6%	22.3%
Employment Insurance	31.3%	55.1%	22.9%	18.1%	33.9%	8.4%	16.7%	14.5%	21.8%	26.7%
Ministry of HR/MAETT	15.9%	32.4%	11.1%	13.1%	20.6%	5.0%	7.7%	4.9%	8.9%	13.8%
Ministry of Aboriginal Affairs	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.3%	0.1%
Employer	0.7%	0.0%	0.7%	2.9%	8.3%	8.4%	0.4%	1.6%	2.0%	1.6%
First Nations	1.0%	0.0%	0.0%	0.7%	0.0%	7.6%	0.0%	0.5%	0.0%	0.8%
WCB/other insurance	1.4%	0.0%	0.0%	0.2%	0.0%	1.7%	0.0%	0.7%	3.1%	1.1%
Apprenticeship board	0.0%	0.0%	0.0%	0.2%	11.1%	0.0%	0.9%	0.0%	0.3%	0.6%
Other/DK/No Response	3.5%	9.6%	2.8%	3.6%	13.9%	2.5%	3.4%	4.7%	9.6%	4.6%

n = 4,151

**Chart 2-6A**  
**Funding for Training Costs – Main Source – by Respondents**



n=4,151

**Table 2-6A**  
**Source of Funding for Training – Main Source – by Program Classification**

Source	BMAS	MO/MO	C/IS	P/MS	CT	ED	VPA	HP/RS	OT	All Pgms
Own Savings/earnings/loans	19.8%	2.9%	24.3%	28.5%	6.7%	42.9%	25.2%	31.1%	37.9%	23.1%
Family	4.6%	0.0%	2.8%	9.0%	1.1%	8.4%	11.5%	4.0%	5.5%	5.2%
Other Savings	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	0.1%
Student Financial Assistance Program	21.7%	0.0%	35.4%	23.8%	3.9%	15.1%	34.2%	37.5%	10.6%	22.3%
<b>SUBTOTAL (Own)</b>	<b>46.2%</b>	<b>2.9%</b>	<b>62.5%</b>	<b>61.3%</b>	<b>11.7%</b>	<b>66.4%</b>	<b>70.9%</b>	<b>73.1%</b>	<b>53.9%</b>	<b>50.6%</b>
Employment Insurance	31.3%	55.1%	22.9%	18.1%	33.9%	8.4%	16.7%	14.5%	21.8%	26.7%
Ministry of HR/MAETT	15.9%	32.4%	11.1%	13.1%	20.6%	5.0%	7.7%	4.9%	8.9%	13.8%
Ministry of Aboriginal Affairs	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.3%	0.1%
<b>SUBTOTAL (Gov't)</b>	<b>47.2%</b>	<b>87.5%</b>	<b>34.0%</b>	<b>31.1%</b>	<b>55.0%</b>	<b>13.4%</b>	<b>24.4%</b>	<b>19.4%</b>	<b>31.1%</b>	<b>40.5%</b>
Employer	0.7%	0.0%	0.7%	2.9%	8.3%	8.4%	0.4%	1.6%	2.0%	1.6%
First Nations	1.0%	0.0%	0.0%	0.7%	0.0%	7.6%	0.0%	0.5%	0.0%	0.8%
WCB/other insurance	1.4%	0.0%	0.0%	0.2%	0.0%	1.7%	0.0%	0.7%	3.1%	1.1%
Apprenticeship board	0.0%	0.0%	0.0%	0.2%	11.1%	0.0%	0.9%	0.0%	0.3%	0.6%
Other/DK/No Response	3.5%	9.6%	2.8%	3.6%	13.9%	2.5%	3.4%	4.7%	9.6%	4.6%
<b>SUBTOTAL (Other)</b>	<b>6.6%</b>	<b>9.6%</b>	<b>3.5%</b>	<b>7.6%</b>	<b>33.3%</b>	<b>20.2%</b>	<b>4.7%</b>	<b>7.5%</b>	<b>15.0%</b>	<b>8.8%</b>

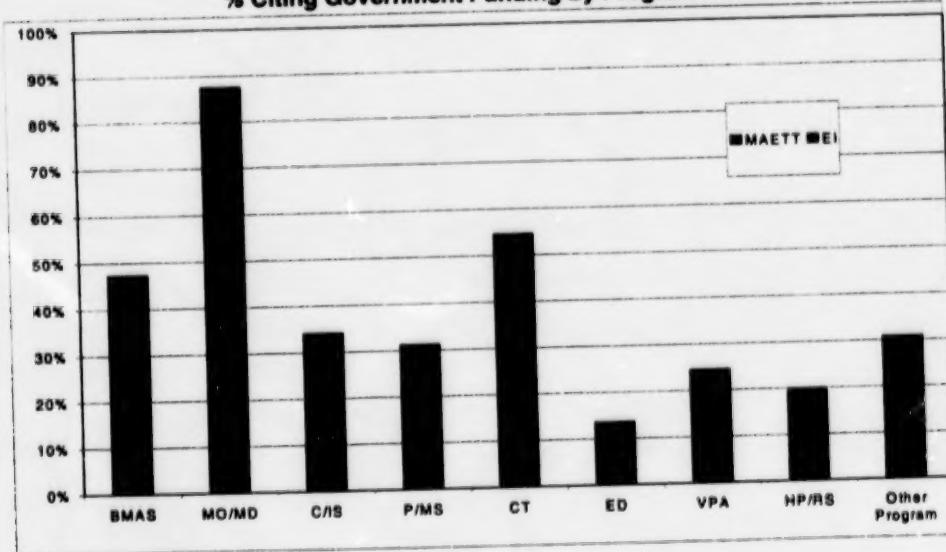
n = 4,151

Table 2-6A illustrates the main sources of funding for training costs by program area. By program type, the Student Financial Assistance Program was relied on as a primary funding source by over one-third of respondents in VPA, C/IS, and HP/RS programs. These programs are also characterized by significant percentages of students who indicated that their primary source of funding was their own savings/earnings/loans or their family.

By program area, 55.1% of MO/MD graduates indicated that their training costs were supported primarily by Employment Insurance. Other program areas with a high proportion of respondents citing Employment Insurance as their primary funding source for training, as compared to other possible sources of funding (own savings, employer, etc.), include BMAS, CT, C/IS, and "other" programs. Respondents whose programs were in BMAS, MO/MD, C/IS, P/MS, or CT were more likely to have used the Ministry of Human Resources/Ministry of Advanced Education Training and Technology as their main funding source for training costs. Respondents who studied in ED, VPA, HP/RS, or "Other" Programs were less likely to have used this option as their main funding source for training costs.

Chart 2-6B illustrates, by program area, respondent reliance on government as the primary source of funding. As highlighted, graduates from MO/MD programs had the greatest reliance on government funding, with 55.1% receiving training support from EI and 32.4% receiving training support from provincial ministries. About 45% of BMAS and 55% of CT graduates also relied on government-administered training funds. In contrast, less than one-fifth of graduates from HP/RS or ED programs made use of a government program as their main source of funding. Other program areas ranged from 24.4% to 34% in terms of the proportion of graduates relying on government training funds.

**Chart 2-6B**  
**Primary Funding Source for Training -**  
**% Citing Government Funding by Program Area**



n=4,151



Table 2-6B illustrates major sources of funding used by respondents in the major geographical regions of B.C. Respondents' top three funding sources were recorded; thus percentages in this table reflect the number of respondents who made use of the various funding, regardless of whether it was a primary or secondary source of training costs.

Given the small number of respondents who took training outside the Lower Mainland, Thompson-Okanagan or Vancouver Island/Coast regions, these respondents have been amalgamated to form the category referred to as "Other B.C.".

Students' own savings and personal loans are the most common sources of funding for training across all of B.C. (26.7%). Employment Insurance is a close second (25.3%) as compared to approximately 12.7% for contributions toward training from provincial ministries.

**Table 2-6B**  
**Source of Funding for Training – Top Three Sources, by PTI Region**

Source	Vancouver Island/Coast	Lower Mainland	Thompson-Okanagan	Other B.C.	All B.C.
Own Savings/earning loans	29.0%	23.4%	28.1%	47.7%	26.7%
Family	4.3%	6.1%	4.9%	0.8%	5.2%
Other Savings	0.1%	0.1%	0.7%	0.0%	0.1%
Student Financial Assistance Program	16.9%	20.7%	30.1%	12.2%	20.0%
<b>SUBTOTAL (Own)</b>	<b>50.3%</b>	<b>50.2%</b>	<b>64.0%</b>	<b>60.7%</b>	<b>52.0%</b>
Employment Insurance	25.5%	26.9%	21.2%	14.8%	25.3%
Min. of HR/MAETT	13.9%	13.6%	8.6%	5.7%	12.7%
Ministry of Aboriginal Affairs	0.0%	0.1%	0.7%	0.0%	0.1%
<b>SUBTOTAL (Gov't)</b>	<b>39.4%</b>	<b>40.5%</b>	<b>30.6%</b>	<b>20.5%</b>	<b>38.1%</b>
Employer	1.0%	3.0%	1.2%	8.3%	2.9%
First Nations	0.9%	0.8%	1.2%	2.1%	1.0%
WCB/other insurance	2.2%	0.5%	1.2%	1.0%	1.0%
Apprenticeship board	0.0%	2.4%	0.0%	0.0%	1.6%
Other/DK/No Response	6.3%	2.4%	1.7%	7.3%	3.5%
<b>SUBTOTAL (Other)</b>	<b>10.3%</b>	<b>9.2%</b>	<b>5.4%</b>	<b>18.7%</b>	<b>10.0%</b>

n=5,138 (multiple responses)

One-fifth (20.0%) of students used the Student Financial Assistance Program to help pay for their education; very little training was sponsored by employers.

It is of interest to note that students who attended institutions in the Thompson-Okanagan region used Student Financial Assistance Programs most often (30.1%) and were least likely to make use of funding from the Ministry of HR/MAETT (8.6%). Students attending school in the Vancouver Island region were the least likely to use Student Financial Assistance Programs to cover training costs (16.9%). Students in the Lower Mainland were the most likely to rely on government sources of funding (Employment Insurance, 26.9%; provincial ministries, 13.6%). Students in the Vancouver Island region were almost as likely to use Government Programs as Lower Mainlanders (39.4% vs. 40.5%), and slightly more likely to use provincial ministry funds (13.9%).

# 2.6

Table 2-6B illustrates major sources of funding used by respondents in the major geographical regions of B.C. Respondents' top three funding sources were recorded; thus percentages in this table reflect the number of respondents who made use of the various funding, regardless of whether it was a primary or secondary source of training costs.

Given the small number of respondents who took training outside the Lower Mainland, Thompson-Okanagan or Vancouver Island/Coast regions, these respondents have been amalgamated to form the category referred to as "Other B.C.".

Students' own savings and personal loans are the most common sources of funding for training across all of B.C. (26.7%). Employment Insurance is a close second (25.3%) as compared to approximately 12.7% for contributions toward training from provincial ministries.

**Table 2-6B**  
**Source of Funding for Training – Top Three Sources, by PTI Region**

Source	Vancouver Island/Coast	Lower Mainland	Thompson-Okanagan	Other B.C.	All B.C.
Own Savings/earning loans	29.0%	23.4%	28.1%	47.7%	26.7%
Family	4.3%	6.1%	4.9%	0.8%	5.2%
Other Savings	0.1%	0.1%	0.7%	0.0%	0.1%
Student Financial Assistance Program	16.9%	20.7%	30.1%	12.2%	20.0%
Employment Insurance	25.5%	26.9%	21.2%	14.8%	25.3%
Min. of HR/MAETT	13.9%	13.6%	8.6%	5.7%	12.7%
Ministry of Aboriginal Affairs	0.0%	0.1%	0.7%	0.0%	0.1%
Employer	1.0%	3.0%	1.2%	8.3%	2.9%
First Nations	0.9%	0.8%	1.2%	2.1%	1.0%
WCB/other insurance	2.2%	0.5%	1.2%	1.0%	1.0%
Apprenticeship board	0.0%	2.4%	0.0%	0.0%	1.6%
Other/DK/No Response	6.3%	2.4%	1.7%	7.3%	3.5%

n=5,138 (multiple responses)

One-fifth (20.0%) of students used the Student Financial Assistance Program to help pay for their education; very little training was sponsored by employers.

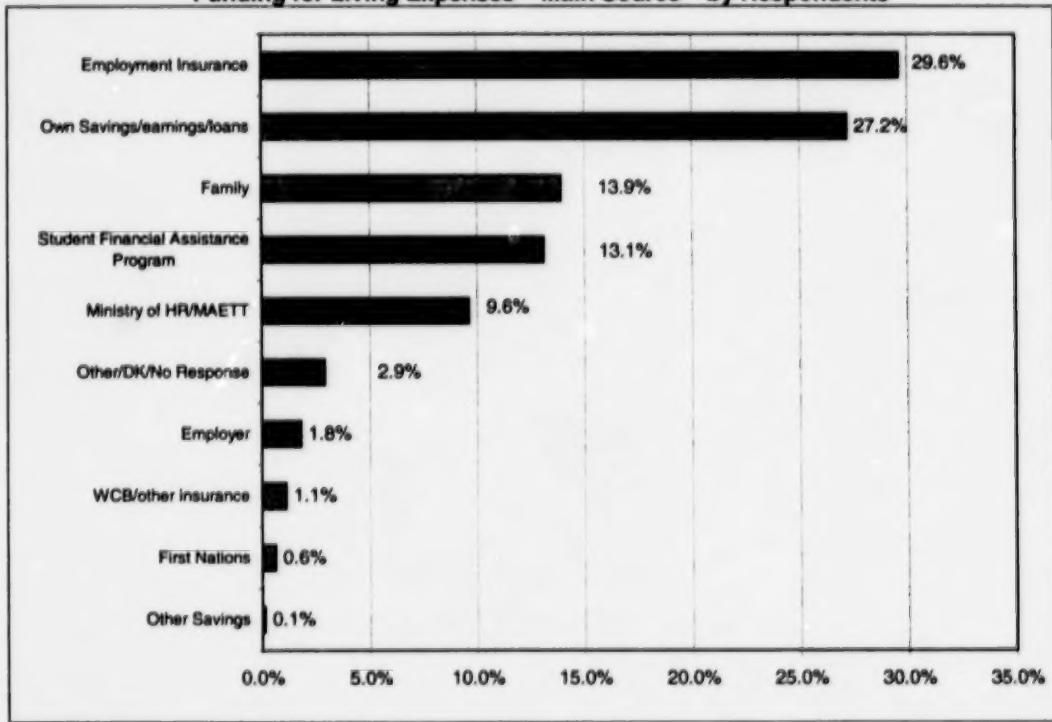
It is of interest to note that students who attended institutions in the Thompson-Okanagan region used Student Financial Assistance Programs most often (30.1%) and were least likely to make use of funding from the Ministry of HR/MAETT (8.6%). Students attending school in the Vancouver Island region were the least likely to use Student Financial Assistance Programs to cover training costs (16.9%). Students in the Lower Mainland were the most likely to rely on government sources of funding (Employment Insurance, 26.9%; provincial ministries, 13.6%). Students in the Vancouver Island region were almost as likely to use Government Programs as Lower Mainlanders (39.4% vs. 40.5%), and slightly more likely to use provincial ministry funds (13.9%).

### Sources of Funding for Living Expenses

Similar to the question regarding sources of funding for training expenses, respondents were also asked to identify the top three sources from which they received assistance for living expenses.

As shown in Chart 2-6C, 29.6% of respondents indicated that their main source of income for living expenses was Employment Insurance. Other sources of living income relied on by respondents included their own savings/earnings (27.2% of respondents) and family (13.9%). Overall, 54.3% of graduates relied on their own sources of funding for living expenses, while 39.2% relied on some form of government funding.

**Chart 2-6C**  
**Funding for Living Expenses – Main Source – by Respondents**



n=4,151

# 2.6

The following tables highlight the sources from which the respondents received assistance for living expenses by program classification and by PTI region.

Review of the data by program classification (Table 2-6C) shows Employment Insurance was the predominant source of funding for living expenses for respondents who had completed a BMAS (33.7%), CT (53.3%), or MO/MD (51.5%) program. The majority of graduates from other programs generally reported that either their family or their own savings/earnings/loans was their main source of assistance for living expenses.

**Table 2-6C**  
**Funding for Living Expenses – Main Source – by Program Classification**

Source	BMAS	MO/MD	C/IS	P/MS	CT	ED	VPA	HP/RS	OT	All Pgms
Own Savings/earnings/loans	24.9%	11.0%	22.9%	32.8%	13.9%	47.9%	29.5%	32.1%	37.5%	27.2%
Family	13.0%	7.4%	16.7%	15.2%	8.3%	15.1%	24.4%	16.9%	10.6%	13.9%
Other Savings	0.1%	0.0%	0.0%	0.5%	0.6%	0.0%	0.0%	0.0%	0.0%	0.1%
Student Financial Assistance Program	13.4%	0.0%	21.5%	15.0%	0.6%	11.8%	17.1%	19.0%	6.6%	13.1%
Employment Insurance	33.7%	51.5%	27.8%	19.7%	53.3%	8.4%	18.8%	17.1%	24.2%	29.6%
Ministry of HR/MAETT	9.5%	18.4%	8.3%	11.9%	16.7%	5.9%	5.1%	7.0%	7.8%	9.6%
Ministry of Aboriginal Affairs	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%
Employer	1.3%	0.7%	0.7%	2.1%	2.6%	3.4%	3.0%	2.8%	2.7%	1.8%
First Nations	0.5%	0.0%	0.0%	0.7%	0.6%	4.2%	0.0%	0.9%	0.0%	0.6%
WCB/other insurance	1.4%	0.7%	0.0%	0.2%	0.0%	1.7%	0.0%	0.5%	3.1%	1.1%
Apprenticeship board	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Other/DK/No Response	0.9%	10.3%	2.1%	1.9%	3.3%	1.7%	2.1%	3.7%	6.8%	2.9%

Similar to the provision of funding for training costs, calculation of the average for the top three sources of assistance for living expenses indicates that almost three in ten respondents (27.1%) relied on Employment Insurance (Table 2-6D).

Graduates also relied on their own savings/earnings (28.5%) and family (16.0%) to help with living expenses while attending training.

Review of the data suggests that there are generally few regional differences in the manner respondents funded their living expenses. Of note, respondents on Vancouver Island and the Lower Mainland were less likely than those in other regions of B.C. to use Student Financial Assistance Programs, and more likely to have some reliance on government funding, to cover their living expenses.

**Table 2-6D**  
**Source of Funding for Living Expenses – Top three sources, by PTI Region**

Source	Vancouver Island/Coast	Lower Mainland	Thompson-Okanagan	Other B.C.	All B.C.
Own Savings/earning loans	29.1%	26.9%	33.5%	45.5%	28.5%
Family	12.3%	17.3%	16.6%	10.7%	16.0%
Other Savings	0.2%	0.2%	0.9%	0.0%	0.2%
Student Financial Assistance Program	10.5%	12.7%	22.2%	8.3%	13.0%
Employment Insurance	28.7%	28.3%	17.2%	18.2%	27.1%
Min. of HR/MAETT	10.1%	9.8%	3.9%	7.4%	9.2%
Ministry of Aboriginal Affairs	0.0%	0.1%	0.2%	0.0%	0.0%
Employer	2.2%	2.1%	1.7%	4.1%	2.1%
First Nations	0.5%	0.6%	0.9%	0.8%	0.6%
WCB/other insurance	2.3%	0.6%	1.1%	0.8%	1.0%
Apprenticeship board	0.0%	0.0%	0.0%	0.0%	0.0%
Other/DK/No Response	4.0%	1.5%	1.9%	4.1%	2.2%
<b>SUMTOTAL (Q8m)</b>	<b>8.0%</b>	<b>4.8%</b>	<b>5.6%</b>	<b>9.0%</b>	

n=4,826 (multiple responses)

The following tables highlight the sources from which the respondents received assistance for living expenses by program classification and by PTI region.

Review of the data by program classification (Table 2-6C) shows Employment Insurance was the predominant source of funding for living expenses for respondents who had completed a BMAS (33.7%), CT (53.3%), or MO/MD (51.5%) program. The majority of graduates from other programs generally reported that either their family or their own savings/earnings/loans was their main source of assistance for living expenses.

**Table 2-6C**  
**Funding for Living Expenses - Main Source - by Program Classification**

Source	BMAS	MO/MD	C/IS	P/MS	CT	ED	VPA	HP/RS	OT	All Pgms
Own Savings/earnings/loans	24.9%	11.0%	22.9%	32.8%	13.9%	47.9%	29.5%	32.1%	37.5%	27.2%
Family	13.0%	7.4%	16.7%	15.2%	8.3%	15.1%	24.4%	16.9%	10.6%	13.9%
Other Savings	0.1%	0.0%	0.0%	0.5%	0.6%	0.0%	0.0%	0.0%	0.0%	0.1%
Student Financial Assistance Program	13.4%	0.0%	21.5%	15.0%	0.6%	11.8%	17.1%	19.0%	6.8%	13.1%
<b>SUBTOTAL (Own)</b>	<b>51.4%</b>	<b>18.4%</b>	<b>61.1%</b>	<b>63.5%</b>	<b>23.4%</b>	<b>74.8%</b>	<b>71.0%</b>	<b>68.0%</b>	<b>54.9%</b>	<b>54.3%</b>
Employment Insurance	33.7%	51.5%	27.8%	19.7%	53.3%	8.4%	18.8%	17.1%	24.2%	29.6%
Ministry of HR/MAETT	9.5%	18.4%	8.3%	11.9%	16.7%	5.9%	5.1%	7.0%	7.8%	9.6%
Ministry of Aboriginal Affairs	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%
<b>SUBTOTAL (Gov't)</b>	<b>43.2%</b>	<b>69.9%</b>	<b>36.1%</b>	<b>31.6%</b>	<b>70.0%</b>	<b>14.3%</b>	<b>23.9%</b>	<b>24.1%</b>	<b>32.3%</b>	<b>39.2%</b>
Employer	1.3%	0.7%	0.7%	2.1%	2.8%	3.4%	3.0%	2.8%	2.7%	1.8%
First Nations	0.5%	0.0%	0.0%	0.7%	0.6%	4.2%	0.0%	0.9%	0.0%	0.6%
WCB/other insurance	1.4%	0.7%	0.0%	0.2%	0.0%	1.7%	0.0%	0.5%	3.1%	1.1%
Apprenticeship board	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Other/DK/No Response	0.9%	10.3%	2.1%	1.9%	3.3%	1.7%	2.1%	3.7%	6.8%	2.9%
<b>SUBTOTAL (Other)</b>	<b>4.1%</b>	<b>11.7%</b>	<b>2.8%</b>	<b>4.9%</b>	<b>6.7%</b>	<b>11.0%</b>	<b>5.1%</b>	<b>7.9%</b>	<b>12.6%</b>	<b>6.4%</b>

Similar to the provision of funding for training costs, calculation of the average for the top three sources of assistance for living expenses indicates that almost three in ten respondents (27.1%) relied on Employment Insurance (Table 2-6D).

Graduates also relied on their own savings/earnings (28.5%) and family (16.0%) to help with living expenses while attending training.

Review of the data suggests that there are generally few regional differences in the manner respondents funded their living expenses. Of note, respondents on Vancouver Island and the Lower Mainland were less likely than those in other regions of B.C. to use Student Financial Assistance Programs, and more likely to have some reliance on government funding, to cover their living expenses.

**Table 2-6D**  
**Source of Funding for Living Expenses – Top three sources, by PTI Region**

Source	Vancouver Island/Coast	Lower Mainland	Thompson-Okanagan	Other B.C.	All B.C.
Own Savings/earning loans	29.1%	26.9%	33.5%	45.5%	28.5%
Family	12.3%	17.3%	16.6%	10.7%	16.0%
Other Savings	0.2%	0.2%	0.9%	0.0%	0.2%
Student Financial Assistance Program	10.5%	12.7%	22.2%	8.3%	13.0%
<b>SUBTOTAL (Own)</b>	<b>52.1%</b>	<b>57.1%</b>	<b>73.2%</b>	<b>64.5%</b>	<b>57.7%</b>
Employment Insurance	28.7%	28.3%	17.2%	18.2%	27.1%
Min. of HR/MAETT	10.1%	9.8%	3.9%	7.4%	9.2%
Ministry of Aboriginal Affairs	0.0%	0.1%	0.2%	0.0%	0.0%
<b>SUBTOTAL (Gov't)</b>	<b>38.8%</b>	<b>38.2%</b>	<b>21.3%</b>	<b>25.6%</b>	<b>36.3%</b>
Employer	2.2%	2.1%	1.7%	4.1%	2.1%
First Nations	0.5%	0.6%	0.9%	0.8%	0.6%
WCB/other insurance	2.3%	0.6%	1.1%	0.8%	1.0%
Apprenticeship board	0.0%	0.0%	0.0%	0.0%	0.0%
Other/DK/No Response	4.0%	1.5%	1.9%	4.1%	2.2%
<b>SUBTOTAL (Other)</b>	<b>9.0%</b>	<b>4.8%</b>	<b>5.6%</b>	<b>9.8%</b>	<b>5.9%</b>

n=4,826 (multiple responses)

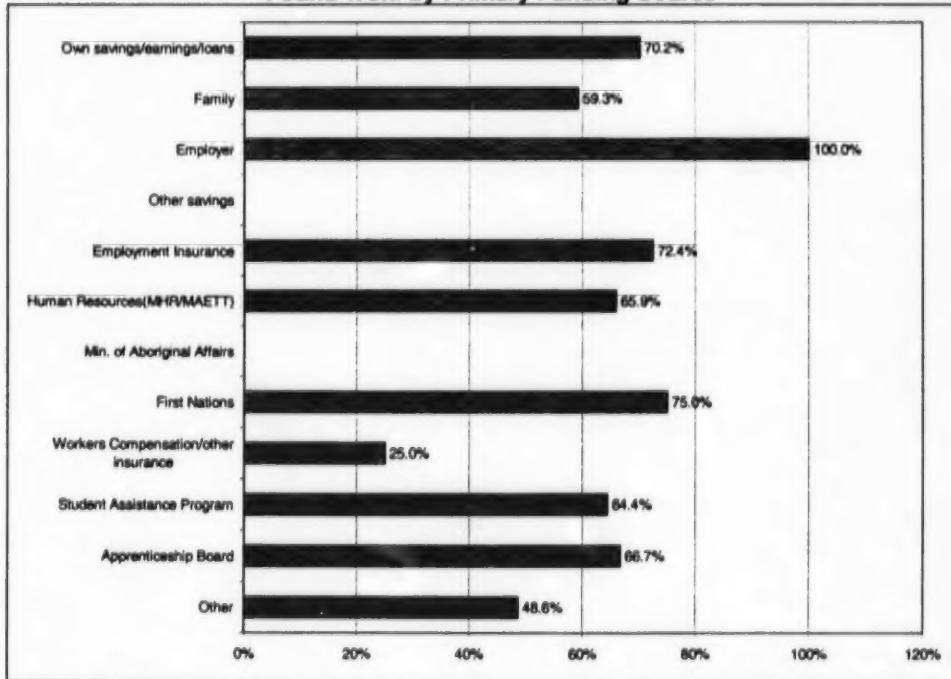
## 2.6

### Efficiency of Selected Funding Sources

Analysis was undertaken to ascertain the "efficiency" of various funding sources in terms of enhancing the employability of *previously unemployed trainees*. The "efficiency" rate was calculated based on the primary source of funding for training costs and the percentage of graduates who "found work" (see "found work rates in Section 1.4). Among the key findings presented in Chart 2-6D are:

- overall, of the 588 individuals who were pre-program unemployed and looking for work and who cited Employment Insurance as their primary funding source, 72.4% had secured work (either currently employed or paid job to start at a definite date in the future);
- 70.2% of graduates who funded their training costs from their own savings/earnings had found employment after completion of a program. Graduates who had accessed Student Financial Assistance Programs to pay for their education had slightly lower efficiency rates, as 64.4% indicated that they were currently working;
- it appears that provincial funding has slightly lower efficiency rates, as 65.9% of individuals who cited Ministry of Human Resources/Ministry of Advanced Education, Training and Technology as their primary source of funding reported that they were currently employed;
- although efficiency rates are shown for employer (n=1), Apprenticeship Board (n=3), First Nations (n=4) and WCB & other insurance (n=4), the results are not necessarily reliable due to the small sample sizes.

**Chart 2-6D**  
**"Efficiency" of Funding for Training - % of Pre-Program Unemployed Who Found Work by Primary Funding Source**



n=1,244

**Section 3:****Characteristics of Employed and Unemployed Graduates by Program Area**

The primary objectives of *On Track - Private Training Outcomes Survey* are to:

- identify the outcomes of graduates from B.C. private training institutions approximately six months after program completion; for example employed, unemployed, taking further training, unavailable to work; and
- provide information about the types of work, earnings and industry sectors for those graduates who were employed at the time of the interview.

In addition to the primary objectives, the survey also collects information to assist in the identification of key factors that may be significant determinants in finding work.

In general, data in this section is presented as follows:

- pre-program and post-program status of trainees (found work rates);
- type of work found by PTI graduates who were unemployed prior to enrolling in the program;
- average length of time to find work;
- earnings of PTI graduates; and
- profile of unemployed graduates by education level and years of work experience;
- overall client satisfaction with education and training provided.

With the exception of the longitudinal analyses, the results presented are based on information provided by trainees who graduated from private training institutions between March 1998 and February 1999 (Q9:Q12).

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## PROGRAM ANALYSIS

Information in this section is presented by CIP program area:

- 3.1 Business Management and Administrative Services (BMAS)
- 3.2 Marketing Operations/Marketing and Distribution (MO/MD)
- 3.3 Computer and Information Services (C/IS)
- 3.4 Personal and Miscellaneous Services (P/MS)
- 3.5 Construction Trades (CT)
- 3.6 Education (ED)
- 3.7 Visual and Performing Arts (VPA)
- 3.8 Health Professions and Related Sciences (HP/RS)
- 3.9 Other Programs Areas

**Table 3A**  
**Current Status of Respondents by CIP Program Area**

Program	# of Respondents	Found New/Different Work	Not Working/Looking	Same Job/Same Employer	Not Working/available	DK/No Response <sup>1</sup>
<b>BMAS</b>	<b>2,197</b>	<b>60.0%</b>	<b>18.4%</b>	<b>9.8%</b>	<b>11.7%</b>	<b>0.1%</b>
<b>MO/MD</b>	<b>136</b>	<b>61.0%</b>	<b>16.9%</b>	<b>6.6%</b>	<b>14.7%</b>	<b>0.8%</b>
<b>C/IS</b>	<b>144</b>	<b>64.6%</b>	<b>21.5%</b>	<b>7.6%</b>	<b>6.3%</b>	<b>-</b>
<b>P/MS</b>	<b>421</b>	<b>60.6%</b>	<b>13.5%</b>	<b>16.2%</b>	<b>9.7%</b>	<b>-</b>
<b>CT</b>	<b>180</b>	<b>44.4%</b>	<b>17.2%</b>	<b>29.4%</b>	<b>8.3%</b>	<b>0.7%</b>
<b>ED</b>	<b>119</b>	<b>57.1%</b>	<b>5.0%</b>	<b>26.1%</b>	<b>10.9%</b>	<b>-</b>
<b>VPA</b>	<b>234</b>	<b>61.1%</b>	<b>15.0%</b>	<b>12.0%</b>	<b>12.0%</b>	<b>-</b>
<b>HP/RS</b>	<b>427</b>	<b>67.0%</b>	<b>7.3%</b>	<b>19.4%</b>	<b>6.1%</b>	<b>0.2%</b>
<b>OT</b>	<b>293</b>	<b>57.3%</b>	<b>14.7%</b>	<b>16.7%</b>	<b>11.3%</b>	<b>-</b>
<b>Total</b>	<b>1,511</b>	<b>60.1%</b>	<b>15.9%</b>	<b>13.4%</b>	<b>10.7%</b>	<b>-</b>

<sup>1</sup>"DK/No Response" = Don't Know/No Response

## PROGRAM ANALYSIS

Information in this section is presented by CIP program area:

- 3.1 Business Management and Administrative Services (BMAS)
- 3.2 Marketing Operations/Marketing and Distribution (MO/MD)
- 3.3 Computer and Information Services (C/IS)
- 3.4 Personal and Miscellaneous Services (P/MS)
- 3.5 Construction Trades (CT)
- 3.6 Education (ED)
- 3.7 Visual and Performing Arts (VPA)
- 3.8 Health Professions and Related Sciences (HP/RS)
- 3.9 Other Programs Areas

**Table 3A**  
**Current Status of Respondents by CIP Program Area**

Program	# of Respondents	Found New/Different Work	Not Working/Looking	Same Job/Same Employer	Not Working/Unavailable	DK/No Response <sup>1</sup>
BMAS	2,197	60.0%	18.4%	9.8%	11.7%	0.1%
MO/MD	136	61.0%	16.9%	8.8%	14.7%	0.8%
C/IS	144	64.6%	21.5%	7.6%	6.3%	-
P/MS	421	60.6%	13.5%	16.2%	9.7%	-
CT	180	44.4%	17.2%	29.4%	8.3%	0.7%
ED	119	57.1%	5.0%	26.1%	10.9%	-
VPA	234	61.1%	15.0%	12.0%	12.0%	-
HP/RS	427	67.0%	7.3%	19.4%	6.1%	0.2%
OT	293	57.3%	14.7%	16.7%	11.3%	-
<b>Total</b>	<b>4,151</b>	<b>60.1%</b>	<b>15.9%</b>	<b>13.2%</b>	<b>10.6%</b>	<b>0.2%</b>

<sup>1</sup>"DK/No Response" = Don't Know/No Response

*The following sub-sections of Section 3 are outlined by the topic area described below. The intent of the descriptions is to provide the data sources and data analysis activities completed for each of the key areas in 3.1 to 3.9.*

## **PRE-PROGRAM AND POST-PROGRAM STATUS OF TRAINEES**

A key element of the *On Track - Private Training Outcomes Survey* is to establish the effectiveness of the private training system in terms of enhancing the employability of graduates. To measure the effectiveness of the training, it is necessary to examine the activity of graduates prior to enrolling as well as six months after graduation to ascertain the impact of the program in terms of finding work or finding better work.

Of particular relevance is the impact of the program in assisting individuals who were unemployed *prior* to enrolling in the program find employment upon program completion. Each of the subsections 3.1 to 3.9 reports on the **found work rates** for previously unemployed graduates.

Readers are encouraged to refer to **Section 1.4 Key Concepts and Definitions** for additional information on pre- and post-program classification methodology and found work rates.

## **TYPE OF WORK FOUND BY PTI GRADUATES WHO WERE PREVIOUSLY UNEMPLOYED**

This section identifies the type of work and industry sectors in which previously unemployed graduates found work. Highlighted in this section are the top five occupations and top five industry groups in which PTI graduates found work by program area.

This section also examines the "match" between the training provided and actual work performed.

## **AVERAGE LENGTH OF TIME TAKEN TO FIND WORK**

This section highlights the length of time it took unemployed graduates to find work after completion of the program.

## **EARNINGS OF PTI GRADUATES**

This section includes information about the earnings of graduates who secured employment (including those graduates who were working in a different job) after participation in a training program. Data is reported as an estimated average annual salary, based on the number of hours worked per week (provided by the respondent). However, given the significant number of individuals working in a part-time capacity, caution should be used in the interpretation of wage information. Salaries in excess of \$120,000 per year have been excluded from the calculations of estimated average annual salaries by program area.

## PROFILE OF UNEMPLOYED GRADUATES BY EDUCATION LEVEL AND YEARS OF WORK EXPERIENCE

This section reports the responses of post-program unemployed graduates, specifically those trainees who were pre-program unemployed and were not working but looking for employment (and who did not have a paid job to start within the next four weeks). The analysis examines the level of education completed, level of paid and unpaid work experience as well as the main reason provided by respondents as to why they were not employed at the time the survey was completed.

### OVERALL SATISFACTION WITH THE EDUCATION AND TRAINING PROVIDED

To ascertain graduates' satisfaction with the education and training received and with the institution itself, numerous questions were included in the survey to assess program materials, program delivery and the extent to which the training provided met participant expectations. Included in this section is an analysis of graduates' opinion as to whether they would have chosen to study the same program at the same institution again, given their experience(s) at their respective schools.

### LONGITUDINAL ANALYSES

To provide a better indication as to the effectiveness of training over time, analysis was completed for five key issues to determine the extent to which the programs were characterized by significant change. The data file used for the longitudinal analyses consists of 7,049 cases. The five key variables analyzed include:

- **Found Work Rates (previously unemployed graduates)**  
This variable provides some indication as to the success of pre-program unemployed graduates in finding work six months after graduation.
- **Effectiveness of Training In Getting New/Different Employment**  
Previously unemployed graduates – as well as those graduates who were still working for the same employer in the same position but had obtained a second job – were asked to indicate the usefulness of their training in helping them obtain work. Data is presented for the proportion of graduates who rated the training received as useful or very useful in securing employment.
- **Effectiveness of Training In Performing Work Activities**  
This question, asked of all employed graduates, provides information on the proportion of respondents who rated their training as useful or very useful in performing their current job.
- **Average Full-Time Salary (all program participants)**  
To provide a better understanding of the likely wage rate to be earned by graduates of a particular program, average full-time salaries are presented (excludes average annual salaries in excess of \$120,000).
- **Overall Satisfaction With the Program and Institution (all program participants)**  
An indicator of satisfaction with the instruction received is the proportion of students that said they would enroll in the same program an/or at the same institution again, given their personal experience with the institution.

As the number of graduates by quarter is relatively small, the change in key variables has been analyzed for the following periods:

Quarter	Period Covered (PTI Graduation)	Graduates (#)	
Q 5:Q 6	March 1997	August 1997	1,780
Q 7:Q 8	September 1997	February 1998	1,118
Q 9:Q10	March 1998	August 1998	2,287
Q11:Q12	September 1998	February 1999	1,864

**Notes:**

- Data for respondents enrolled in apprenticeship programs has been excluded from the analysis of employment outcomes analysis; these individuals would be considered "employed" as part of their apprenticeship.
- Where applicable, data for each program area has been compared to the all program average.

### ***Overview of Findings***

A summary of findings for all program areas is presented in the Executive Summary. The following table of Key Statistics highlights all program areas.

**3**

## 3.0 All Programs

### KEY STATISTICS

Characteristics	All	All Programs						
		Pre-Program Unemployed	Post-Program Employed	Pre & Post Program Unemployed	All Programs Value	All Programs	All Programs Index	
		n= 1255	n= 2412	n= 297	n= 4151	n= 4151		
Demographics								
Female	%	55.9%	64.3%	55.8%	64.1%	64.1%	1.00	
Male	%	44.1%	35.7%	44.4%	35.9%	35.9%	1.00	
Aboriginal	%	4.3%	4.0%	8.4%	5.3%	5.3%	1.00	
Visible Minority	%	21.0%	17.8%	24.9%	18.5%	18.5%	1.00	
Long-term Health Condition	%	8.5%	7.4%	10.8%	9.0%	9.0%	1.00	
Age: 30 years and less	%	26.6%	43.4%	23.2%	43.0%	43.0%	1.00	
31-45 years	%	46.8%	40.7%	44.4%	40.2%	40.2%	1.00	
46+ years	%	25.7%	15.4%	31.3%	16.3%	16.3%	1.00	
Region								
Vancouver Island	%	20.5%	19.5%	22.9%	20.7%	20.7%	1.00	
Lower Mainland	%	68.9%	65.0%	66.3%	63.8%	63.8%	1.00	
Thompson-Okanagan	%	7.1%	10.6%	8.7%	9.8%	9.8%	1.00	
Kootenay	%	0.7%	1.0%	0.7%	1.0%	1.0%	1.00	
Cariboo	%	1.1%	1.2%	1.0%	1.8%	1.8%	1.00	
North Coast	%	0.1%	0.2%	0.3%	0.2%	0.2%	1.00	
Nechako	%	0.1%	0.1%	n/a	0.2%	0.2%	1.00	
Northeast	%	0.1%	0.2%	n/a	0.2%	0.2%	1.00	
Outside B.C./Canada	%	1.4%	2.1%	2.0%	2.2%	2.2%	1.00	
Highest Level of Education								
Less than Grade 12	%	11.8%	10.4%	14.8%	11.1%	11.1%	1.00	
High School Graduate	%	21.8%	26.7%	22.2%	27.1%	27.1%	1.00	
Registered Apprentice	%	18.9%	14.7%	14.5%	15.1%	15.1%	1.00	
College Diploma	%	21.7%	21.1%	22.2%	20.9%	20.9%	1.00	
University-Non Degree	%	2.4%	3.0%	2.7%	2.4%	2.4%	1.00	
Bachelor's Degree	%	10.5%	9.0%	9.1%	8.8%	8.8%	1.00	
Post Graduate Degree	%	5.0%	4.0%	3.7%	4.0%	4.0%	1.00	
Other/did not complete program	%	9.8%	10.8%	10.1%	10.4%	10.4%	1.00	
English Abilities								
Reading English - Very Good	%	78.7%	80.7%	68.4%	78.8%	78.8%	1.00	
Written English - Very Good	%	72.7%	78.5%	62.6%	75.7%	75.7%	1.00	
Spoken English - Very Good	%	82.3%	86.8%	77.4%	85.1%	85.1%	1.00	
Prev Work	Paid Related Work Experience <sup>(10)</sup>	%	55.4%	45.0%	57.4%	46.9%	46.9%	1.00
	Unpaid Related Work Experience <sup>(10)</sup>	%	25.4%	23.8%	31.4%	26.6%	26.6%	1.00

Note: Totals may not add to 100% due to missing data/no response.

Footnotes: 1. Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" n = 4,151

2. Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers<1.00 are below average.

3. # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.

4. # found work / (# found work + # looking for work).

5. Excludes self-employed graduates.

6. % includes those respondents who found work while in their program.

7. Full-time defined as working more than 30 hours per week.

8. % who would enroll again.

9. Excluding N/A responses.

10. Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

### 3.0 All Programs

#### KEY STATISTICS

	Characteristics	All			All Respondents			
		Pre-Program Unemployed	Post- Program Employed	Pre- & Post- Program Unemployed	All	All PROGRAMS		
Of Resp	Not working/seeking employment	%	n/a	35.7%	n/a	30.2%	30.2%	1.00
	Working	%	n/a	33.4%	n/a	40.7%	40.7%	1.00
	Not working/unavailable to work	%	n/a	30.7%	n/a	28.9%	28.9%	1.00
Of Resp	Found new/different work	%	68.6%	100.0%	n/a	60.1%	60.1%	1.00
	Same work/same employer	%	n/a	n/a	n/a	13.2%	13.2%	1.00
	Not working/seeking employment	%	23.7%	n/a	n/a	15.9%	15.9%	1.00
	Not working/unavailable to work	%	7.6%	n/a	n/a	10.6%	10.6%	1.00
Of Employed	Found Work Calculation <sup>(4)</sup>	%	74.4%	n/a	n/a	79.0%	79.0%	1.00
	Employed in training-related work	%	75.8%	74.3%	n/a	74.3%	74.3%	1.00
	Usefulness of training in getting work <sup>(5)</sup>	%	73.0%	72.1%	n/a	72.1%	72.1%	1.00
	Usefulness of training in performing work	%	78.7%	76.1%	n/a	76.1%	76.1%	1.00
	Found work while in program <sup>(6)</sup>	%	18.8%	27.3%	n/a	24.1%	24.1%	1.00
Of Employed	Found work within 8 weeks of grad <sup>(7,8)</sup>	%	74.7%	79.0%	n/a	79.0%	79.0%	1.00
	Avg. Salary of Full-Time workers <sup>(7)</sup>	\$/yr	\$26,553	\$25,680	n/a	\$26,454	\$26,454	1.00
	Avg. Salary of Part-Time workers <sup>(7)</sup>	\$/yr	\$13,428	\$12,832	n/a	\$13,381	\$13,381	1.00
% of Respondents Satisfied	Overall satisfaction with program <sup>(9)</sup>	%	78.7%	79.8%	74.1%	78.0%	78.0%	1.00
	Overall satisfaction with program and institute <sup>(8)</sup>	%	73.7%	73.5%	68.4%	71.8%	71.8%	1.00
	Program Content	%	77.5%	76.7%	72.1%	75.7%	75.7%	1.00
	Instruction	%	77.1%	76.3%	77.1%	75.5%	75.5%	1.00
	Learning Materials	%	72.4%	70.6%	70.4%	70.9%	70.9%	1.00
	Computer Hardware <sup>(9)</sup>	%	73.2%	69.7%	74.4%	68.9%	68.9%	1.00
	Computer Software <sup>(9)</sup>	%	78.1%	75.8%	79.1%	75.2%	75.2%	1.00
	Equip. Other Than Computers <sup>(9)</sup>	%	66.9%	68.8%	68.6%	69.0%	69.0%	1.00
Goals	Main reason for enrolling was met	%	80.3%	84.8%	66.4%	80.5%	80.5%	1.00
	Program provided skills expected	%	90.7%	91.5%	85.2%	90.2%	90.2%	1.00

Note: Totals may not add to 100% due to missing data/no response.

#### Footnotes:

- Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" n = 4,151
- Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers<1.00 are below average.
- # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.
- # found work / (# found work + # looking for work).
- Excludes self-employed graduates.
- % includes those respondents who found work while in their program.
- Full-time defined as working more than 30 hours per week.
- % who would enroll again.
- Excluding N/A responses.
- Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

### **3.1 BUSINESS MANAGEMENT AND ADMINISTRATIVE SERVICES (BMAS)**



## 3.1 Business Management & Administrative Services

### KEY STATISTICS

Characteristics	BMAS					Index Value
	Pre-Program Unemployed	Post- Program Employed	Pre- & Post- Program Unemployed	n= 2197	n= 4181	
	n= 758	n= 1282	n= 180	n= 2197	n= 4181	
Demographic						
Female	%	67.0%	71.8%	70.0%	72.5%	64.1% 1.13
Male	%	33.0%	28.4%	30.0%	27.5%	35.9% 0.78
Aboriginal	%	3.8%	3.0%	5.0%	4.8%	5.3% 0.91
Visible Minority	%	19.4%	17.1%	22.8%	18.2%	18.5% 0.98
Long-term Health Condition	%	8.6%	8.0%	10.0%	9.9%	9.0% 1.10
Age: 30 years and less	%	21.0%	37.2%	18.3%	37.1%	43.0% 0.86
31-45 years	%	48.9%	43.4%	45.6%	42.6%	40.2% 1.06
46+ years	%	29.4%	18.9%	35.0%	19.8%	18.3% 1.21
Geographic Region						
Vancouver Island	%	20.7%	17.8%	30.0%	20.0%	20.7% 0.97
Lower Mainland	%	66.9%	66.0%	59.4%	64.7%	63.8% 1.01
Thompson-Okanagan	%	8.4%	12.2%	6.7%	11.3%	9.8% 1.15
Kootenay	%	0.8%	0.9%	0.8%	0.8%	1.0% 0.81
Cariboo	%	1.5%	1.2%	1.7%	1.5%	1.8% 0.85
North Coast	%	0.1%	0.2%	0.6%	0.2%	0.2% 0.94
Nechako	%	n/a	n/a	n/a	n/a	0.2% n/a
Northeast	%	0.1%	0.1%	n/a	0.0%	0.2% 0.27
Outside B.C./Canada	%	1.5%	1.8%	1.1%	1.3%	2.2% 0.60
Highest Level of Education						
Less than Grade 12	%	8.4%	8.2%	11.1%	9.5%	11.1% 0.96
High School Graduate	%	20.7%	25.7%	20.0%	26.4%	27.1% 0.98
Registered Apprentice	%	16.5%	14.7%	15.0%	14.4%	15.1% 0.95
College Diploma	%	23.0%	22.5%	23.3%	21.9%	20.9% 1.05
University-Non Degree	%	3.0%	3.3%	3.0%	2.7%	2.4% 1.10
Bachelor's Degree	%	12.4%	9.7%	11.1%	9.6%	8.8% 1.10
Post Graduate Degree	%	5.8%	4.7%	4.4%	4.8%	4.0% 1.21
Other/did not complete program	%	9.8%	11.1%	10.6%	10.5%	10.4% 1.01
English Ability						
Reading English - Very Good	%	79.4%	81.5%	73.9%	79.3%	78.8% 1.01
Written English - Very Good	%	75.3%	79.5%	68.3%	76.8%	75.7% 1.01
Spoken English - Very Good	%	84.0%	87.4%	82.2%	85.7%	85.1% 1.01
Paid Work						
Paid Related Work Experience <sup>(10)</sup>	%	58.8%	50.7%	57.1%	51.6%	48.9% 1.10
Unpaid Related Work Experience <sup>(10)</sup>	%	24.0%	19.9%	28.6%	23.3%	26.8% 0.88

Note: Totals may not add to 100% due to missing data/no response.

- Footnotes:
1. Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" n = 4,181
  2. Index = Individual Program value / All Program value. The average = 1.00, numbers > 1.00 are above average and numbers < 1.00 are below average.
  3. # of graduates who found a new or different work. Does not include those respondents who were working in the same work/employer before and after the program.
  4. # found work / (# found work + # looking for work).
  5. Excludes self-employed graduates.
  6. % includes those respondents who found work while in their program.
  7. Full-time defined as working more than 30 hours per week.
  8. % who would enroll again.
  9. Excluding N/A responses.
  10. Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

# 3.1

## 3.1 Business Management & Administrative Services

### KEY STATISTICS

	Characteristics	BMAS			Employment Outcomes		
		Pre-Program Unemployed	Post- Program Employed	Pre & Post- Program Unemployed	n= 2197	n= 4181	n= 1,142
% of Respondents	Not working/seeking employment	% n/a	41.0%	n/a	34.5%	30.2%	1.14
	Working	% n/a	26.9%	n/a	33.3%	40.7%	0.82
	Not working/unavailable to work	% n/a	31.8%	n/a	32.0%	28.9%	1.11
% of Respondents	Found new/different work	% 69.3%	100.0%	n/a	60.0%	60.1%	1.00
	Same work/same employer	% n/a	n/a	n/a	9.8%	13.2%	0.74
	Not working/seeking employment	% 23.7%	n/a	n/a	18.4%	15.9%	1.15
% of Employed	Not working/unavailable to work	% 6.9%	n/a	n/a	11.7%	10.6%	1.10
	Found Work Calculation <sup>(4)</sup>	% 74.5%	n/a	n/a	76.5%	79.0%	0.97
	Employed in training-related work	% 76.8%	73.2%	n/a	73.2%	74.3%	0.98
% of Employed	Usefulness of training in getting work <sup>(5)</sup>	% 73.4%	70.8%	n/a	70.8%	72.1%	0.98
	Usefulness of training in performing work	% 79.6%	76.0%	n/a	76.0%	76.1%	1.00
	Found work while in program <sup>(6)</sup>	% 19.2%	28.3%	n/a	24.3%	24.1%	1.01
% of Respondents Satisfied	Found work within 8 weeks of grad <sup>(7)</sup>	% 69.9%	75.3%	n/a	75.3%	79.0%	0.96
	Avg. Salary of Full-Time workers <sup>(8)</sup>	\$/yr \$27,181	\$25,717	n/a	\$25,875	\$26,454	0.97
	Avg. Salary of Part-Time workers <sup>(9)</sup>	\$/yr \$13,497	\$12,257	n/a	\$12,412	\$13,381	0.93
% of Graduates	Overall satisfaction with program <sup>(10)</sup>	% 80.9%	78.4%	78.1%	78.8%	78.0%	0.98
	Overall satisfaction with program and institute <sup>(10)</sup>	% 75.1%	74.2%	70.8%	71.9%	71.8%	1.00
	Program Content	% 78.8%	78.1%	72.8%	74.8%	75.7%	0.99
Grade	Instruction	% 78.9%	75.4%	78.0%	74.9%	75.5%	0.99
	Learning Materials	% 75.1%	72.2%	72.2%	72.8%	70.9%	1.02
	Computer Hardware <sup>(10)</sup>	% 75.3%	72.7%	77.4%	72.3%	68.9%	1.05
Grade	Computer Software <sup>(10)</sup>	% 81.0%	78.4%	83.1%	78.4%	75.2%	1.04
	Equip. Other Than Computers <sup>(10)</sup>	% 70.1%	69.2%	67.0%	68.4%	69.0%	0.99
	Main reason for enrolling was met	% 83.5%	85.5%	73.9%	80.8%	80.5%	1.00
	Program provided skills expected	% 92.5%	91.1%	90.8%	90.5%	90.2%	1.00

Note: Totals may not add to 100% due to missing data/no response.

Footnotes:

1. Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" n = 4,181
2. Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers<1.00 are below average.
3. # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.
4. # found work / (# found work + # looking for work).
5. Excludes self-employed graduates.
6. % Includes those respondents who found work while in their program.
7. Full-time defined as working more than 30 hours per week.
8. % who would enroll again.
9. Excluding N/A responses.
10. Questions only ask d of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

# 3.1

## 3.1 Business Management & Administrative Services

### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n>8. Statistics are not detailed separately for CIP areas with small sample sizes.

Characteristics	BMAS					
	n=172	n=26	n=206	n=2197	n=4151	All Programs
Demographic						
Gender	%	58.7%	80.8%	77.7%	72.5%	64.1%
Female	%	58.7%	80.8%	77.7%	72.5%	64.1%
Male	%	41.3%	19.2%	22.3%	27.5%	35.9%
Aboriginal	%	4.7%	7.7%	3.4%	4.8%	5.3%
Visible Minority	%	14.0%	7.7%	34.5%	18.2%	18.5%
Long-term Health Condition	%	12.2%	11.5%	6.8%	9.9%	8.0%
Age: 30 years and less	%	46.5%	57.7%	28.6%	37.1%	43.0%
31-45 years	%	40.1%	38.5%	52.0%	42.6%	40.2%
46+ years	%	13.4%	3.8%	16.0%	10.8%	16.3%
Region						
Vancouver Island	%	11.6%	11.5%	5.3%	20.0%	20.7%
Lower Mainland	%	41.9%	76.9%	85.9%	64.7%	63.8%
Thompson-Okanagan	%	44.2%	3.8%	5.8%	11.3%	9.8%
Kootenay	%	n/a	n/a	0.5%	0.8%	1.0%
Cariboo	%	n/a	3.8%	1.0%	1.5%	1.8%
North Coast	%	n/a	n/a	n/a	0.2%	0.2%
Nechako	%	n/a	n/a	n/a	n/a	0.2%
Northeast	%	n/a	n/a	n/a	0.0%	0.2%
Outside B.C./Canada	%	1.7%	3.8%	1.5%	1.3%	2.2%
Highest Level of Education						
Less than Grade 12	%	4.7%	19.2%	5.8%	9.5%	11.1%
High School Graduate	%	26.7%	34.6%	19.4%	26.4%	27.1%
Registered Apprentice	%	20.3%	11.5%	16.0%	14.4%	15.1%
College Diploma	%	25.6%	19.2%	22.6%	21.9%	20.9%
University-Non Degree	%	4.7%	n/a	1.5%	2.7%	2.4%
Bachelor's Degree	%	8.4%	n/a	15.5%	9.8%	8.8%
Post Graduate Degree	%	2.3%	3.8%	6.8%	4.8%	4.0%
Other/did not complete program	%	9.3%	11.5%	12.1%	10.5%	10.4%
English Abilities						
Reading English - Very Good	%	82.6%	73.1%	69.4%	79.3%	78.8%
Written English - Very Good	%	80.2%	73.1%	64.6%	78.6%	75.7%
Spoken English - Very Good	%	93.6%	82.3%	64.6%	85.7%	85.1%
Prior Work						
Paid Related Work Experience <sup>(10)</sup>	%	46.2%	46.7%	63.1%	51.6%	48.9%
Unpaid Related Work Experience <sup>(10)</sup>	%	27.7%	46.7%	21.3%	23.3%	26.6%

Note: Totals may not add to 100% due to missing data/no response.

- Footnotes:
- Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" n = 4,151
  - Index = Individual Program value / All Program value. The averages >1.00, numbers >1.00 are above average and numbers <1.00 are below average
  - # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.
  - # found work / (# found work + # looking for work).
  - Excludes self-employed graduates.
  - % includes those respondents who found work while in their program.
  - Full-time defined as working more than 30 hours per week.
  - % who would enrol again.
  - Excluding N/A responses.
  - Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

# 3.1

## 3.1 Business Management & Administrative Services

### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n>9. Statistics are not detailed separately for CIP areas with small sample sizes.

	Characteristics	n=172	n=26	n=206	n=2197	n=4151	
			BMAS		RMA	All Programs	
Off Resp	Not working/seeking employment	% 23.3%	19.2%	38.3%	34.8%	30.2%	1.14
	Working	% 38.4%	38.5%	38.4%	33.3%	40.7%	0.82
	Not working/unavailable to work	% 38.4%	42.3%	25.2%	32.0%	28.0%	1.11
Off Resp	Found new/different work	% 70.9%	38.5%	63.1%	60.0%	60.1%	1.00
	Same work/same employer	% 8.3%	15.4%	10.7%	9.8%	13.2%	0.74
	Not working/seeking employment	% 12.2%	26.9%	15.5%	18.4%	15.8%	1.15
Off Employed	Not working/unavailable to work	% 7.8%	19.2%	10.7%	11.7%	10.6%	1.10
	Found Work Calculation <sup>(6)</sup>	% 85.3%	58.8%	80.2%	76.5%	79.0%	0.87
	Employed in training-related work	% 85.0%	66.7%	77.0%	73.2%	74.3%	0.98
Off Employed	Usefulness of training in getting work <sup>(7)</sup>	% 67.4%	100.0%	80.7%	70.8%	72.1%	0.98
	Usefulness of training in performing work	% 85.8%	88.9%	78.8%	76.0%	76.1%	1.00
	Found work while in program <sup>(8)</sup>	% 10.0%	n/a	23.8%	24.3%	24.1%	1.01
Off Employed	Found work within 8 weeks of grad <sup>(9), (10)</sup>	% 4.7%	n/a	14.1%	75.3%	79.0%	0.98
	Avg. Salary of Full-Time workers <sup>(11)</sup>	\$yr \$25,262	\$23,718	\$23,370	\$25,675	\$26,454	0.97
	Avg. Salary of Part-Time workers <sup>(11)</sup>	\$yr \$11,313	\$10,433	\$13,214	\$12,412	\$13,381	0.98
Overall Satisfaction	Overall satisfaction with program <sup>(12)</sup>	% 81.4%	61.5%	78.2%	76.6%	78.0%	0.98
	Overall satisfaction with program and institute <sup>(12)</sup>	% 71.5%	57.7%	74.8%	71.9%	71.8%	1.00
	Program Content	% 70.3%	78.9%	78.8%	74.8%	75.7%	0.98
% of Respondents	Instruction	% 75.6%	73.1%	75.2%	74.8%	75.5%	0.98
	Learning Materials	% 73.3%	80.8%	73.8%	72.8%	70.9%	1.02
	Computer Hardware <sup>(13)</sup>	% 84.8%	68.0%	81.3%	72.3%	68.9%	1.05
Equip.	Computer Software <sup>(13)</sup>	% 71.0%	80.8%	82.1%	78.4%	75.2%	1.04
	Equip. Other Than Computers <sup>(13)</sup>	% 77.3%	84.8%	73.8%	68.4%	68.0%	0.98
	Main reason for enrolling was met	% 80.8%	73.1%	82.0%	80.8%	80.5%	1.00
Grad.	Program provided skills expected	% 92.4%	88.5%	90.8%	80.5%	80.2%	1.00

Note: Totals may not add to 100% due to missing data/no response.

Footnotes:

- Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" - n = 4,181
- Index = Individual Program value / All Program value. The average > 1.00, numbers > 1.00 are above average and numbers < 1.00 are below average
- # of graduates who found a new or different work. Does not include those respondents who were working in the same work/employer before and after the program.
- # found work / (# found work + # looking for work)
- Excludes self-employed graduates.
- % includes those respondents who found work while in their program.
- Full-time defined as working more than 30 hours per week.
- % who would enroll again.
- Excluding N/A responses.
- Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

### 3.1 Business Management & Administrative Services

#### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n>8. Statistics are not detailed separately for CIP areas with small sample sizes.

Characteristics		BMAS		All Programs				
		n= 185	n= 80	n= 128	n= 2197			
Demographics	Female	%	96.4%	98.8%	99.2%	72.5%	64.1%	1.13
	Male	%	3.6%	1.2%	0.8%	27.5%	35.9%	0.76
	Aboriginal	%	4.8%	7.5%	7.0%	4.8%	5.3%	0.91
	Visible Minority	%	23.0%	6.3%	17.2%	18.2%	18.5%	0.98
	Long-term Health Condition	%	8.5%	6.3%	4.7%	9.9%	9.0%	1.10
	Age: 30 years and less	%	46.7%	68.8%	50.0%	37.1%	43.0%	0.86
	31-45 years	%	41.2%	20.0%	35.2%	42.6%	40.2%	1.06
	46+ years	%	12.1%	10.0%	14.8%	19.8%	16.3%	1.21
Program	Vancouver Island	%	8.1%	33.8%	22.7%	20.0%	20.7%	0.97
	Lower Mainland	%	83.8%	62.5%	71.1%	64.7%	63.8%	1.01
	Thompson-Okanagan	%	8.1%	2.5%	6.3%	11.3%	9.8%	1.15
	Kootenay	%	1.2%	n/a	n/a	0.8%	1.0%	0.81
	Cariboo	%	1.2%	1.3%	n/a	1.5%	1.8%	0.86
	North Coast	%	n/a	n/a	n/a	0.2%	0.2%	0.94
	Nechako	%	n/a	n/a	n/a	n/a	0.2%	n/a
	Northeast	%	n/a	n/a	n/a	0.0%	0.2%	0.27
	Outside B.C./Canada	%	1.8%	n/a	n/a	1.3%	2.2%	0.80
Highert Level of Education	Less than Grade 12	%	9.7%	13.8%	7.8%	9.5%	11.1%	0.86
	High School Graduate	%	37.0%	35.0%	26.8%	26.4%	27.1%	0.98
	Registered Apprentices	%	12.7%	10.0%	20.3%	14.4%	15.1%	0.95
	College Diploma	%	20.6%	13.8%	23.4%	21.9%	20.9%	1.06
	University-Non Degree	%	1.8%	2.5%	2.3%	2.7%	2.4%	1.10
	Bachelor's Degree	%	7.3%	3.8%	3.9%	9.6%	8.8%	1.10
	Post Graduate Degree	%	2.4%	2.5%	0.6%	4.6%	4.0%	1.21
	Other/did not complete program	%	8.5%	18.8%	14.8%	10.5%	10.4%	1.01
English Abilities	Reading English - Very Good	%	77.0%	88.8%	81.3%	79.3%	78.8%	1.01
	Written English - Very Good	%	74.5%	88.3%	79.7%	76.6%	75.7%	1.01
	Spoken English - Very Good	%	83.6%	97.5%	89.1%	85.7%	85.1%	1.01
Prev Work	Paid Related Work Experience <sup>(1)</sup>	%	52.0%	43.6%	39.7%	51.6%	48.9%	1.10
	Unpaid Related Work Experience <sup>(10)</sup>	%	22.4%	23.1%	17.9%	23.3%	26.6%	0.86

Note: Totals may not add to 100% due to missing data/no response.

- Footnotes:
- Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" n = 4,151
  - Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers<1.00 are below average.
  - # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.
  - # found work / (# found work + # looking for work)
  - Excludes self-employed graduates.
  - % includes those respondents who found work while in their program.
  - Full-time defined as working more than 30 hours per week.
  - % who would enroll again.
  - Excluding N/A responses.
  - Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

# 3.1

## 3.1 Business Management & Administrative Services

### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)<sup>1</sup>

<sup>1</sup>CIP AREAS WITH n<8. Statistics are not detailed separately for CIP areas with small sample sizes.

	Characteristics	BMAS				All Programs	
		n= 185	n= 80	n= 128	n= 2187	n= 4151	n= 15,151
Of Res.	Not working/seeking employment	% 30.9%	15.0%	20.3%	34.5%	30.2%	1.14
	Working	% 33.9%	41.3%	38.3%	33.3%	40.7%	0.82
	Not working/unavailable to work	% 35.2%	43.8%	41.4%	32.0%	28.9%	1.11
Of Res.	Found new/different work	% 60.0%	42.5%	58.3%	60.0%	60.1%	1.00
	Same work/same employer	% 7.3%	13.8%	13.3%	9.5%	13.2%	0.74
	Not working/seeking employment	% 18.8%	22.5%	16.4%	18.4%	15.9%	1.15
Of Res.	Not working/unavailable to work	% 13.9%	21.3%	14.1%	11.7%	10.8%	1.10
	Found Work Calculation <sup>10</sup>	% 76.2%	66.4%	77.4%	78.5%	79.0%	0.97
	Employed in training-related work	% 77.3%	67.7%	71.0%	73.2%	74.3%	0.98
Of Res.	Usefulness of training in getting work <sup>11</sup>	% 75.4%	70.0%	75.9%	70.8%	72.1%	0.98
	Usefulness of training in performing work	% 80.4%	74.2%	78.8%	76.0%	76.1%	1.00
	Found work while in program <sup>12</sup>	% 30.9%	29.0%	17.4%	24.3%	24.1%	1.01
Of Res.	Found work within 8 weeks of grad <sup>13, 14</sup>	% 11.5%	25.0%	9.3%	75.3%	79.0%	0.96
	Avg. Salary of Full-Time workers <sup>15</sup>	\$/yr \$22,955	\$23,924	\$23,601	\$25,675	\$26,454	0.97
	Avg. Salary of Part-Time workers <sup>15</sup>	\$/yr \$12,839	\$12,325	\$12,407	\$12,412	\$13,381	0.93
Prog.	Overall satisfaction with program <sup>16</sup>	% 67.9%	67.5%	77.3%	76.6%	78.0%	0.98
	Overall satisfaction with program and institute <sup>16</sup>	% 73.3%	81.3%	58.4%	71.9%	71.8%	1.00
	Program Content	% 69.1%	57.5%	78.1%	74.8%	75.7%	0.99
Prog.	Instruction	% 77.6%	66.0%	70.3%	74.8%	75.5%	0.99
	Learning Materials	% 70.9%	58.8%	78.6%	72.6%	70.9%	1.02
	Computer Hardware <sup>16</sup>	% 78.2%	62.0%	57.9%	72.3%	68.9%	1.05
Prog.	Computer Software <sup>16</sup>	% 85.5%	57.3%	64.0%	78.4%	75.2%	1.04
	Equip. Other Than Computers <sup>16</sup>	% 73.9%	54.7%	68.0%	68.4%	69.0%	0.99
	Main reason for enrolling was met	% 81.2%	71.3%	78.9%	80.8%	80.5%	1.00
Good	Program provided skills expected	% 90.9%	86.0%	87.5%	90.5%	90.2%	1.00

Note: Totals may not add to 100% due to missing data/no response.

#### Footnotes:

- Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" n = 4,151
- Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers<1.00 are below average.
- # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.
- # found work / (# found work + # looking for work).
- Excludes self-employed graduates.
- % includes those respondents who found work while in their program.
- Full-time defined as working more than 30 hours per week.
- % who would enroll again.
- Excluding N/A responses.
- Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

## 3.1 Business Management & Administrative Services

### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n>0. Statistics are not detailed separately for CIP areas with small sample sizes.

	Characteristics	BMAS			All Program	
		n=10	n=548	n=385	n=2197	n=4151
Demographics	Female	%	100.0%	70.5%	77.5%	72.5%
	Male	%	n/a	29.5%	22.5%	27.5%
	Aboriginal	%	n/a	6.2%	4.9%	4.8%
	Visible Minority	%	20.0%	14.3%	16.2%	18.2%
	Long-term Health Condition	%	20.0%	12.8%	15.1%	9.9%
	Age: 30 years and less	%	50.0%	24.5%	26.0%	37.1%
	31-45 years	%	40.0%	46.9%	45.5%	42.6%
	46+ years	%	10.0%	28.2%	27.7%	19.8%
	Vancouver Island	%	n/a	25.8%	36.7%	20.0%
	Lower Mainland	%	90.0%	57.5%	45.5%	64.7%
Region	Thompson-Okanagan	%	10.0%	13.4%	6.8%	11.3%
	Kootenay	%	n/a	0.2%	3.8%	0.8%
	Cariboo	%	n/a	0.5%	6.0%	1.5%
	North Coast	%	n/a	0.9%	n/a	0.2%
	Nechako	%	n/a	n/a	n/a	0.2%
	Northeast	%	n/a	0.2%	n/a	0.0%
	Outside B.C./Canada	%	n/a	1.5%	1.1%	1.3%
	Total	%	100.0%	11.7%	11.5%	9.5%
Highest Level of Education	Less than Grade 12	%	10.0%	24.0%	27.9%	26.4%
	High School Graduate	%	30.0%	14.8%	17.0%	14.4%
	Registered Apprentice	%	20.0%	14.8%	19.7%	21.9%
	College Diploma	%	20.0%	22.7%	19.7%	20.9%
	University-Non Degree	%	10.0%	2.9%	1.8%	2.7%
	Bachelor's Degree	%	10.0%	9.2%	9.0%	9.8%
	Post Graduate Degree	%	n/a	5.7%	4.1%	4.8%
	Other/did not complete program	%	n/a	8.6%	8.2%	10.5%
English Abilities	Reading English - Very Good	%	90.0%	82.1%	78.4%	78.8%
	Written English - Very Good	%	90.0%	79.7%	70.7%	76.8%
	Spoken English - Very Good	%	100.0%	90.8%	81.4%	85.1%
Prior Work	Paid Related Work Experience <sup>(10)</sup>	%	37.5%	57.3%	61.4%	51.6%
	Unpaid Related Work Experience <sup>(10)</sup>	%	n/a	27.1%	18.7%	23.3%

Note: Totals may not add to 100% due to missing data/no response.

Footnotes: 1. Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs": n = 4,151

2. Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers<1.00 are below average.

3. # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.

4. # found work / (# found work + # looking for work).

5. Excludes self-employed graduates.

6. % includes those respondents who found work while in their program.

7. Full-time defined as working more than 30 hours per week.

8. % who would enroll again.

9. Excluding N/A responses.

10. Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

# 3.1

## 3.1 Business Management & Administrative Services

### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n=0. Statistics are not detailed separately for CIP areas with small sample sizes.

	Characteristics	BMAS			BMAS	All Programs	n= 4151
		n= 10	n= 546	n= 385			
Off Resp	Not working/seeking employment	%	30.0%	41.8%	41.1%	34.5%	30.2%
	Working	%	30.0%	26.9%	27.4%	33.3%	40.7%
	Not working/unavailable to work	%	40.0%	31.1%	30.7%	32.0%	28.9%
Off Resp	Found new/different work	%	50.0%	54.4%	55.1%	60.0%	60.1%
	Same work/same employer	%	20.0%	10.3%	7.1%	9.8%	13.2%
	Not working/seeking employment	%	20.0%	20.5%	24.9%	18.4%	15.9%
Off Employed	Not working/unavailable to work	%	10.0%	14.5%	12.9%	11.7%	10.6%
	Found Work Calculation <sup>(1)</sup>	%	71.4%	72.8%	68.8%	78.5%	79.0%
	Employed in training-related work	%	80.0%	81.6%	88.4%	73.2%	74.3%
Off Employed	Usefulness of training in getting work <sup>(2)</sup>	%	100.0%	65.0%	65.5%	70.8%	72.1%
	Usefulness of training in performing work	%	100.0%	67.1%	73.0%	78.0%	78.1%
	Found work while in program <sup>(3)</sup>	%	n/a	28.0%	26.6%	24.3%	24.1%
Off Employed	Found work within 8 weeks of grad <sup>(4), (5)</sup>	%	n/a	5.1%	15.5%	75.3%	79.0%
	Avg. Salary of Full-Time workers <sup>(7)</sup>	\$/yr	\$22,480	\$29,353	\$24,648	\$25,675	\$26,454
	Avg. Salary of Part-Time workers <sup>(7)</sup>	\$/yr	\$16,224	\$12,866	\$12,063	\$12,412	\$13,381
Graduate Satisfaction	Overall satisfaction with program <sup>(6)</sup>	%	50.0%	81.0%	79.7%	78.6%	78.0%
	Overall satisfaction with program and institute <sup>(6)</sup>	%	60.0%	78.6%	75.9%	71.9%	71.8%
	Program Content	%	80.0%	80.8%	77.5%	74.8%	75.7%
	Instruction	%	80.0%	80.8%	77.3%	74.8%	75.5%
	Learning Materials	%	80.0%	77.7%	77.0%	72.6%	70.9%
	Computer Hardware <sup>(8)</sup>	%	85.7%	77.6%	79.5%	72.3%	68.9%
	Computer Software <sup>(8)</sup>	%	71.4%	85.3%	83.5%	78.4%	78.2%
	Equip. Other Than Computers <sup>(8)</sup>	%	83.3%	72.2%	67.8%	68.4%	69.0%
	Main reason for enrolling was met	%	80.0%	83.3%	83.6%	80.8%	80.5%
	Program provided skills expected	%	80.0%	92.7%	93.2%	90.5%	90.2%

Note: Totals may not add to 100% due to missing data/no response.

#### Postnotes:

1. Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" n = 4,151
2. Index = Individual Program value / All Program value. The averages > 1.00, numbers > 1.00 are above average and numbers < 1.00 are below average.
3. # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.
4. # found work / (# found work + # looking for work).
5. Excludes self-employed graduates.
6. % includes those respondents who found work while in their program.
7. Full-time defined as working more than 30 hours per week.
8. % who would enroll again.
9. Excluding N/A responses.
10. Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

### 3.1 Business Management & Administrative Services

#### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n>9. Statistics are not detailed separately for CIP areas with small sample sizes.

	Characteristics	BMAS		Program Areas		All Programs
		n= 22	n= 12	n= 38	n= 2197	
Demographic	Female	%	77.3%	16.7%	66.7%	72.5%
	Male	%	22.7%	83.3%	33.3%	27.5%
	Aboriginal	%	9.1%	8.3%	2.6%	4.8%
	Visible Minority	%	27.3%	25.0%	17.9%	18.2%
	Long-term Health Condition	%	9.1%	8.3%	2.6%	9.9%
	Age: 30 years and less	%	50.0%	33.3%	59.0%	37.1%
	31-45 years	%	27.3%	66.7%	28.2%	42.6%
	46+ years	%	22.7%	n/a	10.3%	19.8%
Region	Vancouver Island	%	31.8%	n/a	7.7%	20.0%
	Lower Mainland	%	63.6%	100.0%	84.6%	64.7%
	Thompson-Okanagan	%	n/a	n/a	7.7%	11.3%
	Kootenay	%	n/a	n/a	n/a	0.8%
	Cariboo	%	n/a	n/a	n/a	1.5%
	North Coast	%	n/a	n/a	n/a	0.2%
	Nechako	%	n/a	n/a	n/a	0.2%
	Northeast	%	n/a	n/a	n/a	0.0%
Highest Level of Education	Outside B.C./Canada	%	4.5%	n/a	n/a	1.3%
	Less than Grade 12	%	n/a	n/a	12.8%	9.5%
	High School Graduate	%	27.3%	8.3%	38.5%	26.4%
	Registered Apprentice	%	18.2%	n/a	10.3%	14.4%
	College Diploma	%	31.8%	33.3%	17.9%	21.9%
	University-Non Degree	%	n/a	8.3%	5.1%	2.7%
	Bachelor's Degree	%	n/a	41.7%	2.6%	9.6%
	Post Graduate Degree	%	13.6%	8.3%	5.1%	4.8%
English Ability	Other/did not complete program	%	9.1%	n/a	7.7%	10.5%
	Reading English - Very Good	%	54.5%	91.7%	84.6%	79.3%
	Written English - Very Good	%	59.1%	83.3%	82.1%	76.6%
	Spoken English - Very Good	%	72.7%	91.7%	89.7%	85.7%
	Paid Related Work Experience <sup>(10)</sup>	%	40.0%	40.0%	50.0%	51.6%
	Unpaid Related Work Experience <sup>(10)</sup>	%	33.3%	20.0%	18.2%	23.3%
	Found work after program completion <sup>(11)</sup>	%	40.0%	40.0%	50.0%	46.9%
	Found work while in program <sup>(11)</sup>	%	33.3%	20.0%	18.2%	26.6%
Prior Work	Note: Totals may not add to 100% due to missing data/no responses.					
	1. Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" = n= 4,151					
	2. Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers<1.00 are below average.					
	3. # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.					
	4. Found work / (# found work + # looking for work).					
	5. Excludes self-employed graduates.					
	6. % includes those respondents who found work while in their program.					
	7. Full-time defined as working more than 30 hours per week.					
	8. % who would enroll again.					
	9. Excluding N/A response.					
Footnotes:	10. Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.					

Note: Totals may not add to 100% due to missing data/no responses.

- Footnotes:
- Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" = n= 4,151
  - Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers<1.00 are below average.
  - # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.
  - Found work / (# found work + # looking for work).
  - Excludes self-employed graduates.
  - % includes those respondents who found work while in their program.
  - Full-time defined as working more than 30 hours per week.
  - % who would enroll again.
  - Excluding N/A response.
  - Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

# 3.1

## 3.1 Business Management & Administrative Services

### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n>8. Statistics are not detailed separately for CIP areas with small sample sizes.

Characteristics	BMAS			All Programs				
	n=32	n=12	n=38	n=2197	n=4181			
Of Resp.	Not working/seeking employment	%	38.4%	66.7%	12.8%	34.5%	30.2%	1.14
	Working	%	27.3%	8.3%	66.7%	33.3%	40.7%	0.82
	Not working/unavailable to work	%	36.4%	25.0%	20.5%	32.0%	28.9%	1.11
Of Resp.	Found new/different work	%	58.1%	66.7%	61.5%	60.0%	60.1%	1.00
	Same work/same employer	%	9.1%	8.3%	15.4%	9.8%	13.2%	0.74
	Not working/seeking employment	%	27.3%	8.3%	15.4%	18.4%	15.9%	1.15
Of Resp.	Not working/unavailable to work	%	4.5%	16.7%	7.7%	11.7%	10.8%	1.10
	Found Work Calculation <sup>10</sup>	%	68.4%	88.9%	80.0%	76.5%	79.0%	0.97
	Employed in training-related work	%	75.0%	75.0%	68.2%	73.2%	74.3%	0.98
Of Employed	Usefulness of training in getting work <sup>11</sup>	%	100.0%	75.0%	88.4%	70.8%	72.1%	0.98
	Usefulness of training in performing work	%	75.0%	75.0%	63.6%	76.0%	78.1%	1.00
	Found work while in program <sup>12</sup>	%	16.7%	n/a	n/a	24.3%	24.1%	1.01
Of Employed	Found work within 8 weeks of grad <sup>13</sup>	%	12.5%	n/a	11.1%	75.3%	79.0%	0.98
	Avg. Salary of Full-Time workers <sup>14</sup>	\$/yr	\$20,372	\$25,583	\$20,885	\$25,675	\$26,454	0.97
	Avg. Salary of Part-Time workers <sup>15</sup>	\$/yr	\$8,650	\$4,680	\$9,874	\$12,412	\$13,381	0.93
% of Respondents Satisfied	Overall satisfaction with program <sup>16</sup>	%	81.8%	91.7%	53.8%	78.6%	78.0%	0.98
	Overall satisfaction with program and institute <sup>17</sup>	%	81.8%	91.7%	53.8%	71.9%	71.8%	1.00
	Program Content	%	90.9%	83.3%	64.1%	74.8%	75.7%	0.98
Grade	Instruction	%	86.4%	91.7%	66.7%	74.8%	75.5%	0.99
	Learning Materials	%	90.9%	83.3%	64.1%	72.6%	70.9%	1.02
	Computer Hardware <sup>18</sup>	%	83.6%	66.7%	57.9%	72.3%	68.9%	1.05
Grade	Computer Software <sup>19</sup>	%	81.9%	91.7%	55.3%	78.4%	75.2%	1.04
	Equip. Other Than Computers <sup>20</sup>	%	66.7%	55.6%	78.5%	68.4%	69.0%	0.99
	Main reason for enrolling was met	%	68.2%	83.3%	64.1%	80.8%	80.5%	1.00
Grade	Program provided skills expected	%	77.3%	100.0%	74.4%	90.5%	90.2%	1.00

Note: Totals may not add to 100% due to missing data/no response.

#### Footnotes:

1. Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs": n = 4,181
2. Index = Individual Program value / All Program value. The average > 1.00, numbers > 1.00 are above average and numbers < 1.00 are below average.
3. # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.
4. # found work / (# found work + # looking for work).
5. Excludes self-employed graduates.
6. % includes those respondents who found work while in their program.
7. Full-time defined as working more than 30 hours per week.
8. % who would enroll again.
9. Excluding N/A responses.
10. Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

### 3.1 Business Management & Administrative Services

#### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n>0. Statistics are not detailed separately for CIP areas with small sample sizes.

Characteristics		BMAS			All Programs		
		n=139	n=189	n=87	n=2197	n=4151	
Demographic	Female	%	84.2%	21.7%	66.7%	72.5%	64.1%
	Male	%	15.8%	78.3%	33.3%	27.5%	35.9%
	Aboriginal	%	5.0%	1.1%	1.1%	4.8%	5.3%
	Visible Minority	%	24.5%	19.6%	8.0%	18.2%	18.5%
	Long-term Health Condition	%	5.0%	6.5%	5.7%	9.9%	9.0%
	Age: 30 years and less	%	74.1%	34.9%	20.7%	37.1%	43.0%
	31-45 years	%	18.7%	49.7%	52.9%	42.6%	40.2%
	46+ years	%	6.5%	14.3%	26.4%	19.8%	16.3%
	Vancouver Island	%	5.8%	24.3%	n/a	20.0%	20.7%
	Lower Mainland	%	88.5%	72.0%	64.4%	64.7%	63.8%
Region	Thompson-Okanagan	%	4.3%	1.6%	32.2%	11.3%	9.8%
	Kootenay	%	n/a	n/a	n/a	0.8%	1.0%
	Cariboo	%	n/a	n/a	3.4%	1.5%	1.8%
	North Coast	%	n/a	n/a	n/a	0.2%	0.2%
	Nechako	%	n/a	n/a	n/a	0.2%	n/a
	Northeast	%	n/a	n/a	n/a	0.0%	0.2%
	Outside B.C./Canada	%	1.4%	2.1%	n/a	1.3%	2.2%
	Total	%	100.0%	100.0%	100.0%	100.0%	100.0%
Highest Level of Education	Less than Grade 12	%	14.4%	6.9%	1.1%	9.5%	11.1%
	High School Graduate	%	38.8%	18.0%	14.9%	26.4%	27.1%
	Registered Apprentice	%	5.8%	11.1%	10.3%	14.4%	15.1%
	College Diploma	%	13.7%	24.3%	29.9%	21.9%	20.0%
	University-Non Degree	%	1.4%	2.8%	4.6%	2.7%	2.4%
	Bachelor's Degree	%	7.9%	13.2%	23.0%	9.8%	8.8%
	Post Graduate Degree	%	5.0%	7.4%	8.0%	4.8%	4.0%
	Other/did not complete program	%	12.9%	16.4%	8.0%	10.5%	10.4%
English Ability	Reading English - Very Good	%	73.4%	84.1%	86.2%	79.3%	78.8%
	Written English - Very Good	%	74.8%	82.5%	87.4%	76.6%	75.7%
	Spoken English - Very Good	%	81.3%	87.8%	94.3%	85.7%	85.1%
Prior Work	Paid Related Work Experience <sup>108</sup>	%	27.3%	38.0%	80.0%	51.6%	46.9%
	Unpaid Related Work Experience <sup>109</sup>	%	19.5%	26.4%	60.0%	23.3%	26.6%

Note: Totals may not add to 100% due to missing data/no response.

#### Footnotes:

- Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs": n = 4,151
- Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers<1.00 are below average.
- # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.
- # found work / (# found work + # looking for work).
- Excludes self-employed graduates.
- % includes those respondents who found work while in their program.
- Full-time defined as working more than 30 hours per week.
- % who would enroll again.
- Excluding N/A responses.
- Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

# 3.1

## 3.1 Business Management & Administrative Services

### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n>8. Statistics are not detailed separately for CIP areas with small sample sizes.

		BMAS			All Programs			
		n= 139	n= 180	n= 87	n= 2197	n= 4151	n	
Of Resp	Not working/seeking employment	%	16.5%	40.2%	44.8%	34.5%	30.2%	1.14
	Working	%	51.1%	34.9%	26.4%	33.3%	40.7%	0.82
	Not working/unavailable to work	%	32.4%	24.3%	28.7%	32.0%	28.9%	1.11
Of Resp	Found new/different work	%	71.2%	64.0%	87.4%	60.0%	60.1%	1.00
	Same work/same employer	%	8.8%	10.1%	11.5%	9.8%	13.2%	0.74
	Not working/seeking employment	%	12.2%	19.0%	n/a	18.4%	15.9%	1.15
Of Employed	Not working/unavailable to work	%	7.9%	6.9%	1.1%	11.7%	10.8%	1.10
	Found Work Calculation <sup>(4)</sup>	%	85.3%	77.1%	n/a	76.5%	79.0%	0.97
	Employed in training-related work	%	69.8%	80.8%	96.0%	73.2%	74.3%	0.96
Of Employed	Usefulness of training in getting work <sup>(5)</sup>	%	61.0%	78.6%	100.0%	70.8%	72.1%	0.96
	Usefulness of training in performing work	%	67.7%	82.5%	94.7%	76.0%	76.1%	1.00
	Found work while in program <sup>(6)</sup>	%	29.2%	42.5%	n/a	24.3%	24.1%	1.01
Of Employed	Found work within 8 weeks of grad <sup>(7)</sup>	%	6.9%	7.3%	n/a	75.3%	79.0%	0.96
	Avg. Salary of Full-Time workers <sup>(7)</sup>	\$yr	\$19,533	\$31,419	\$24,468	\$25,675	\$26,454	0.97
	Avg. Salary of Part-Time workers <sup>(7)</sup>	\$yr	\$11,346	\$15,266	\$10,867	\$12,412	\$13,381	0.93
Of Respondents Satisfied	Overall satisfaction with program <sup>(8)</sup>	%	68.9%	69.3%	89.7%	76.6%	78.0%	0.96
	Overall satisfaction with program and institute <sup>(8)</sup>	%	81.3%	47.6%	90.8%	71.9%	71.8%	1.00
	Program Content	%	77.7%	52.9%	86.1%	74.8%	75.7%	0.99
% Computer	Instruction	%	82.0%	46.6%	83.9%	74.8%	75.5%	0.99
	Learning Materials	%	73.4%	49.7%	70.1%	72.6%	70.9%	1.02
	Computer Hardware <sup>(9)</sup>	%	79.6%	51.3%	57.1%	72.3%	68.9%	1.05
Equip.	Computer Software <sup>(9)</sup>	%	79.4%	67.7%	33.3%	78.4%	75.2%	1.04
	Equip. Other Than Computers <sup>(9)</sup>	%	70.0%	46.1%	82.4%	68.4%	60.0%	0.99
	Main reason for enrolling was met	%	78.4%	71.4%	96.6%	80.8%	80.5%	1.00
Goals	Program provided skills expected	%	89.9%	83.6%	95.4%	90.5%	90.2%	1.00

Note: Totals may not add to 100% due to missing data/no response.

- Footnotes:
- Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs": n = 4,151
  - Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers<1.00 are below average.
  - # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.
  - # found work / (# found work + # looking for work).
  - Excludes self-employed graduates.
  - % includes those respondents who found work while in their program.
  - Full-time defined as working more than 30 hours per week.
  - % who would enroll again.
  - Excluding N/A responses.
  - Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

## Business Management and Administrative Services (BMAS)

### KEY CHARACTERISTICS

Female/male ratio	2.63:1
Overall satisfaction with program	76.6%
Pre-program employed	33.3%
Post-program employed	69.8%
Went on to new or different job after completed program	60.0%
Average length of time taken to find work	6.4 weeks
Employed in training-related work	73.2%
Average salary (full-time workers)	\$25,675

### INCLUDED IN THIS PROGRAM

- 52.0201 Business Administration & Management
- 52.0203 Logistics & Material Management
- 52.0204 Office Supervision & Management
- 52.0301 Accounting
- 52.0302 Accounting Clerk/Bookeeper
- 52.0401 Administrative Assistant/Secretary
- 52.0403 Legal Administrative Assistant/Secretary
- 52.0404 Medical Administrative Assistant/Secretary
- 52.0406 Receptionist
- 52.0407 Information processing/Data Entry Technician
- 52.0408 General Office/Clerical & Typing Services
- 52.0803 Banking and Financial Support Services
- 52.0807 Investment & Securities
- 52.0901 Hospitality Administrative Management
- 52.0903 Travel-Tourism Management
- 52.1204 Business System Networking & Telecommunication
- 52.1401 Business Marketing & Marketing Management



In this survey administration period, BMAS was characterized by a 63.9% response rate, based on a valid sample of 3,436 graduates. The not-in-service rate for BMAS graduates was 24.8%.

# 3.1

## PRE-PROGRAM/POST-PROGRAM STATUS OF TRAINEES

### All Graduates

*"Everything I learned in the course I am using today at work. It prepared me very well for work and I had a lot of confidence when approaching employers".*

All survey participants who had completed 75% or more of their program requirements were asked to detail what activities they had been doing prior to enrolling in a BMAS program as well as their status six months after graduation.

As highlighted in the Key Statistics table, of the 2197 BMAS graduates surveyed:

- 34.5% noted that they had not been working but were seeking employment prior to enrolling in the program;
- a slightly lower proportion noted that they had been working (33.3%);
- and 32.0% of graduates had not been working nor actively looking for work.

Program graduates were contacted six months after completion of their program to ascertain their employment status. As highlighted in the Key Statistics table:

- almost seven of ten (69.8%) BMAS graduates indicated that they were working – either at the same job with the same employer (9.8%) or at a new or different job (60.0%);
- 18.4% of graduates stated that they were unemployed and actively seeking work.

### Excluding Graduates That Are Unavailable for Work

*"I liked the hours of the program which allowed me to work afternoons."*

To develop an accurate profile of the impacts of private training, pre- and post-program employment status was also analyzed excluding those graduates who were unavailable to work or not seeking work. Students in this category may be unavailable for a variety of reasons that make it difficult to seek employment (e.g. illness, taking care of family, going to school). Table 3-1A focuses on the employment status of those who were working, or unemployed and seeking work.

**Table 3-1A**  
**Pre- and Post-Program Employment Status – BMAS Graduates**  
**Excluding Graduates Not Seeking Employment**

Status	Pre-Program	Post-Program
Not working/seeking employment	62.6%	21.2%
Working (same job/same employer)	37.4%	11.4%
Found new/different job <sup>1</sup>	n/a	67.4%

n = 1,127 for pre-program status and n = 1,902 for post program status

<sup>1</sup>Includes those respondents who were with the same employer, but doing a different job

### Previously Unemployed Graduates

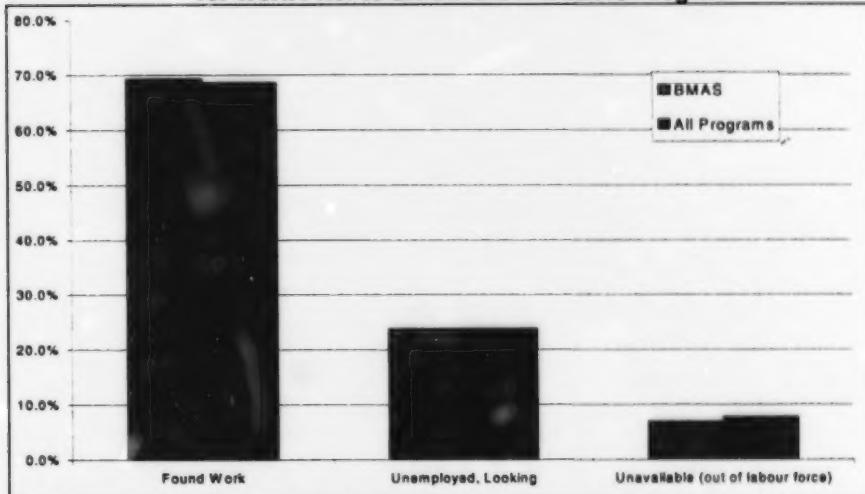
A key issue of the survey is to identify the effectiveness of the training provided in assisting previously unemployed program participants (who were seeking employment) to find work. For example, of the survey participants who graduated from a BMAS program, 758 or 34.5% indicated that they had not been working and were seeking employment prior to their enrolment in the program. Analysis of the outcomes associated with this group six months after graduation indicates that 69.3% of these previously

**unemployed graduates were now working at the time of the interview and just under one-quarter (23.7%) were unemployed and still looking for work.**

Found work rates are used to assess the effectiveness in helping previously unemployed participants find work. Found work rates exclude graduates who were unavailable and not looking for work after their program was completed (see section 1.4 for a definition of found work rates). Based on information collected for Q9 to Q12 (March 1998 to February 1999) graduates, the found work rate for previously unemployed BMAS graduates was calculated to be 74.5% (e.g., 74.5% of those respondents available to work were working at the time of the interview).

The found work rate calculation indicates that of those graduates who were pre-program unemployed (and looking for work), approximately three-quarters of graduates had found work when surveyed six months after graduating from this program.

**Chart 3-1A  
Post-Program Status of Graduates Who Were Looking  
for Work Prior to Enrolment in a BMAS Program**



n = 758 for BMAS and n = 1,255 for all programs

#### **TYPE OF WORK FOUND BY PTI GRADUATES WHO WERE PREVIOUSLY UNEMPLOYED**

Further analysis of the graduates who were not working prior to enrolling in an institution was carried out to determine what kinds of jobs and in what industries graduates were finding employment.

Detailed in Table 3-1B are the top five occupations and top five industries in which BMAS graduates found work. Students were asked during the survey to provide their job title, duties and type of industry that they were employed in. Responses were coded according to the National Occupational Classification (NOC) and North American Industry Classification System (NAICS) [previously known as Standard Industry Classification – SIC].

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# 3.1

**Table 3-1B**  
**Identification of Key Occupations and Industries In Which Previously Unemployed PTI  
Graduates Found Employment - BMAS**

Top Five Occupations (% share)		Top Five Industries (% share)	
General Office Clerks	7.6%	Computer Systems Design and Related Services	4.0%
Receptionists & Switchboard Operators	6.7%	Hotels (except Casino Hotels) and Motels	3.0%
Retail Salespersons & Sales Clerks	5.3%	Limited Service Eating Places	3.0%
Accounting & Related Clerks	4.7%	Offices of Lawyers	3.0%
Cashiers	4.5%	Technical and Trade School	3.0%

Analysis was also completed to establish the extent to which work found by previously unemployed graduates generally matched the training provided (e.g. proportion of previously unemployed graduates who found work in a training-related area).

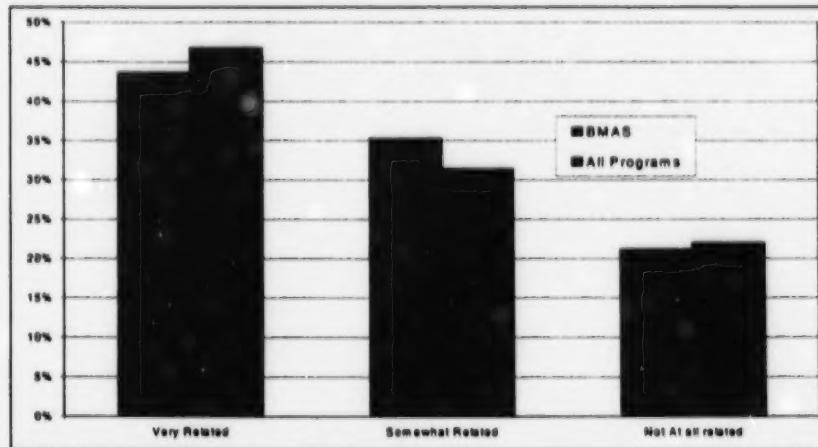
*"They taught me skills that I could use in an actual job, and how to deal with all kinds of people."*

For those graduates who were pre-program unemployed, 76.8% reported that they found work in a training-related area. These graduates also reported high levels of satisfaction with the type of training provided – 73.4% reported that their training was very useful or useful in getting work, and 79.6% reported that their training was very useful or useful in performing work.

Chart 3-1B highlights the percentage of graduates who report that they found work that was very related (44%) or somewhat related (35%) to the training provided.

Approximately one-fifth (21%) of previously unemployed BMAS graduates noted that the employment they had secured was not at all related to the training provided at the PTI.

**Chart 3-1B**  
**"Match" Between Training Provided and Work Found  
Graduates Who Were Unemployed and Seeking Work Prior to Enrolment in  
a PTI, BMAS & All Program Average**



n = 511 for BMAS and n = 839 for all programs

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Retail Salespersons & Sales Clerks	5.3%	Limited Service Eating Places	3.0%
Accounting & Related Clerks	4.7%	Offices of Lawyers	3.0%
Cashiers	4.5%	Technical and Trade School	3.0%
% Share of five occupations		% Share of five industries	
	28.7%		16.2%

Analysis was also completed to establish the extent to which work found by previously unemployed graduates generally matched the training provided (e.g. proportion of previously unemployed graduates who found work in a training-related area).

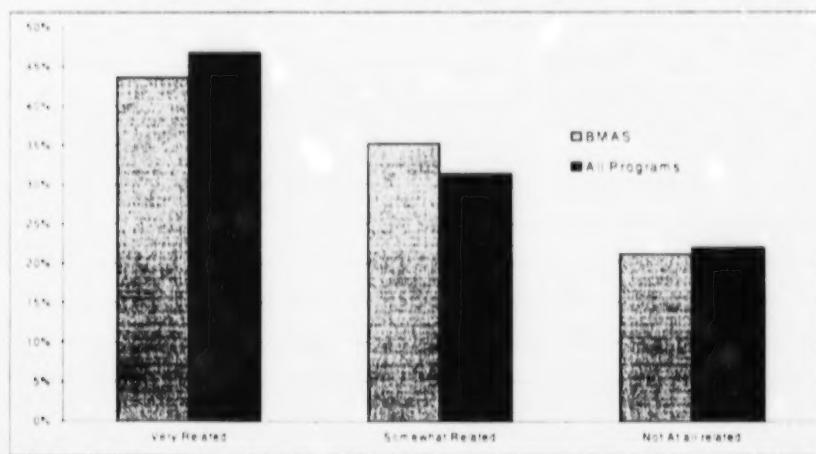
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a PTI, BMAS & All Program Average**



n = 511 for BMAS and n = 839 for all programs

## AVERAGE LENGTH OF TIME TAKEN TO FIND WORK

Survey participants who were unemployed (pre-program) and who were seeking employment were asked to indicate the length of time (in weeks) they spent actively looking for their current employment. Analysis of the data indicates that:

- 30.1% of previously unemployed BMAS graduates noted that they had found work while enrolled in the program;
- 77.0% indicated that they had secured employment within two months of graduation, slightly below the all program average of 80.6%.

**Table 3-1C**

### Time Taken to Find Work – Pre-Program Unemployed (Seeking Employment)

#### BMAS and All Program Average

	BMAS	All Programs
Total number unemployed (pre-program) and seeking employment	758	1255
% who found employment	69.3%	68.6%
% who were unemployed but unavailable to work	6.9%	7.6%
of those who were employed <sup>1</sup> :	453	732
% who found employment while enrolled in the program	30.1%	29.5%
Less than 5 weeks after graduation	36.3%	40.2%
5-8 weeks after graduation	10.6%	10.9%
9-12 weeks after graduation	8.7%	6.3%
13-20 weeks after graduation	8.0%	7.9%
more than 20 weeks after graduation	3.4%	3.1%
don't know	2.8%	2.0%
Total – 2 months or less after graduation <sup>2</sup>	77.0%	80.6%

<sup>1</sup>excludes self-employed respondents and those respondents with a paid job to start at a definite date in the future.

<sup>2</sup>includes those respondents that found work while enrolled in the program.

## EARNINGS OF PTI GRADUATES

Graduates who had found employment, or were working in new or different jobs, were asked to provide an estimate of their current earnings. As many individuals noted that they worked on a part-time basis, caution should be used in the interpretation of the wage information. In order to accurately reflect annual earnings on a full-time basis, wage data is reported for two groups: part-time basis (those who work 30 hours or less per week) and full-time workers (those who work more than 30 hours per week).

Review of the information provided by BMAS graduates indicates that:

- On average, BMAS graduates who were working on a part-time basis (30 hours or less per week) reported an estimated average annual salary of \$12,412; graduates who were working on a full-time basis (more than 30 hours per week) reported an average annual salary of \$25,675.
- There was a difference in the average annual salary on the basis of respondents pre-program status: those graduates who had been working prior to starting the program earned \$24,152 per year – which was lower than the \$27,161 per year earned by PTI graduates who found new or different work after completing their program.

*"The timing of the program was good for me because I wanted to get a program that would let me finish very quickly and get into the workforce."*

# 3.1

**Table 3-1D**  
**Estimated Average Annual Earnings of BMAS Graduates**  
**by Pre-Program and Current Employment Status**

	Unemployed and Looking for Work Prior to Program		Employed Prior to Program		Program Average <sup>1</sup>	
	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time
Number Reporting	105	885	280	911	383	1,046
Estimated Average Annual Salary	\$13,497	\$27,161	\$12,201	\$24,152	\$12,412	\$25,675

<sup>1</sup>Includes all respondents irrespective of pre-program status (employed, unemployed and unemployed not available to work)

Note: Part-time defined as 30 hours or less per week; full-time defined as more than 30 hours per week

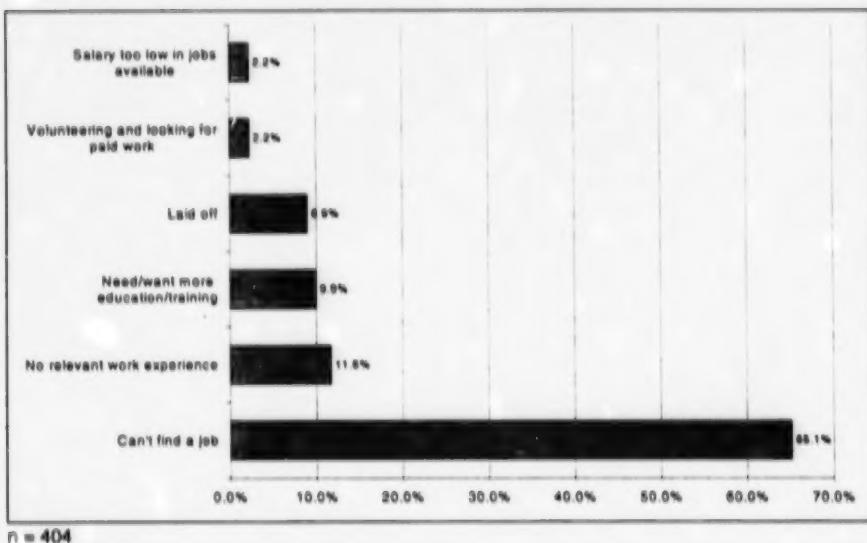
## PROFILE OF UNEMPLOYED GRADUATES BY EDUCATION LEVEL AND YEARS OF WORK EXPERIENCE

### Main Reason Why Not Working

Highlighted below in Chart 3-1C is the main reason provided by BMAS respondents why they were not working at the time of the survey, regardless of their pre-program status. As noted in the chart, the top three reasons reported by respondents were they could not find a job (65.1%), lack of relevant work experience (11.6%) and need for more education or training (9.9%).

- 180 graduates classified themselves as pre- and post-program unemployed and looking for work. The top reason given for being unemployed was unable to find work (68.3%).
- 36.1% of pre- and post-program unemployed/looking for work graduates had worked at a job or business at some time since leaving their program while 63.9% indicated that they had not worked at any job or business since completion of their program.
- 93.3% of this same group indicated that they had looked for employment in the last four weeks and many respondents (52.2%) stated that they had searched for work in their field of study.

**Chart 3-1C**  
**Post-Program - Not Working/Looking for Work**  
**Main Reason Why Respondent Not Currently Employed**



#### Educational Profile

The Key Statistics table provides a general educational profile of all BMAS graduates by employment status. Analysis of the data suggests:

- Many pre- and post-program unemployed/looking for work graduates had completed a wide range of post-secondary education prior to enrolling in their program, from a college diploma (23.0%) to a Bachelor's degree (12.4%) or post-graduate degree (5.8%). There did not appear to be any striking differences on the basis of education or training completed as similar proportions of employed graduates had previously completed a college diploma, Bachelor's degree or post-graduate degree.
- 33.3% of unemployed graduates who had completed high school, and 24.2% of respondents who had completed other post-secondary education, obtained some of their training outside of Canada.
- 20 of the 180 graduates who were not employed at the time of the interview have taken further training since the completion of their program. Regarding the type of further education that respondents had been involved in, 35.0% have taken a trade/vocational certificate, none have taken a program at a technical institute and 25.0% have completed a community college diploma/certificate program.
- 40.0% of respondents who took further training had completed their additional training at the time of survey administration.
- Respondents were asked to provide their main reason for enrolling in further studies upon completion of their program. Five respondents indicated their main reason for undertaking further studies was to gain further skills/training. Four respondents were unhappy with the training received in the PTI program.

*"The program allowed me to go to school and to do a practicum in another office. I liked the fact that it combined the schooling and the practicum, because along with the classroom work, you get a lot of hands-on experience."*

# 3.1

## Level of Paid/Unpaid Work Experience

The following analysis is based on 180 responses provided by pre- and post-program unemployed/looking for work graduates.

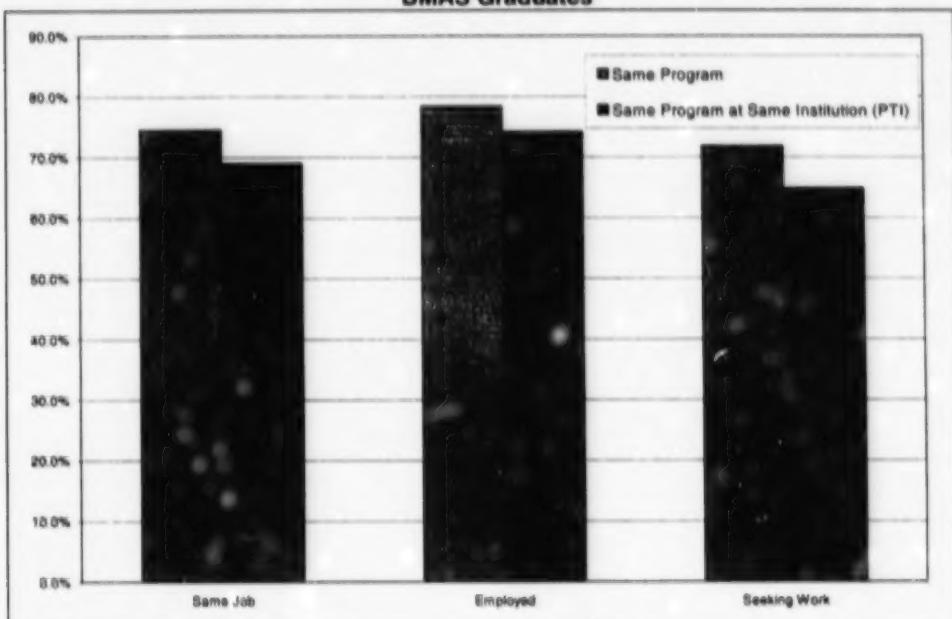
- 57.1% of unemployed respondents had paid related work experience prior to taking their program. Almost seven-tenths (69.8%) of respondents had three or more years of paid work experience in Canada and 18.8% of respondents had three or more years of work experience outside of Canada.
- Respondents were asked to indicate whether they had any unpaid or volunteer work related to the type of job they were seeking: 48 respondents indicated that they had done some unpaid or volunteer work.

## OVERALL SATISFACTION WITH THE EDUCATION AND TRAINING PROVIDED

To evaluate the quality of programs currently offered by private training institutions and the institutions themselves, respondents were asked, given their experience since completing the program, whether they would choose to study the same program again. Similarly, respondents were asked, given their experience, whether they would choose to study the same program and at the same institution again. Analysis of the data indicates that:

- Overall, 76.6% of BMAS graduates indicated that, given their experience since graduation, they would again enroll in a BMAS program. However, those graduates who were employed at the time of the interview were more positive about the program (78.4%) than were those individuals who had not found work after completion of the program (71.8% satisfaction rating).
- 71.9% of BMAS graduates noted that they would enroll in the same program at the same institution.

**Chart 3-1D**  
**Proportion of Graduates Who Indicated That They Would Enroll In  
 Same Program and Same Program/Same Institution by Current Employment Status  
 BMAS Graduates**



n=2,197

Most respondents provided open-ended comments as to why they would or would not take their respective programs again. These comments were subsequently coded into twenty-two categories of positive or negative reasons. Table 3-1E provides the top five positive and top negative reasons why students would or would not attend the same program again.

Most respondents provided open-ended comments as to why they would or would not take their respective programs again. These comments were subsequently coded into twenty-two categories of positive or negative reasons. Table 3-1E provides the top five positive and top negative reasons why students would or would not attend the same program again.

Nearly 70% of BMAS graduates said that they would attend their program again. Positive comments provided by the graduates included that the program provided the knowledge and skills expected by the respondents (23.7%), the program was an enjoyable experience (12.8%), and that the program was necessary to secure employment (11.1%).

Of the top five reasons why students would not enroll in the program again, the most likely reasons were the program was too general (6.2%), the program was too difficult or not enough time was allocated (5.4%) or students were unhappy with the administration (3.8%).

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# 3.1

**Table 3-1E**  
**Why Respondents Would or Would Not Choose Program Again**

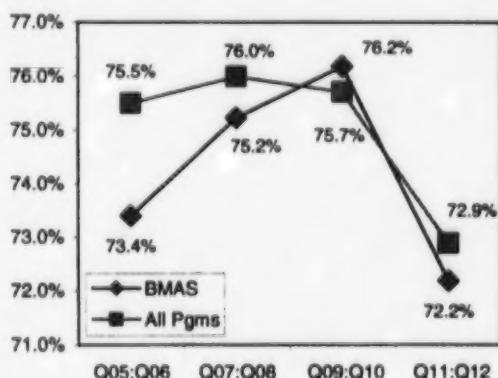
Respondents Who Would Choose Same Program Again	
• provides knowledge/skills/training expected	23.7%
• enjoyed field of study/experience	12.8%
• found employment/necessary for employment	11.1%
• teachers were great/positive atmosphere/material well taught	9.5%
• personal interest/learned new things	4.5%
• other positive reasons	6.0%
Respondents Who Would Not Choose Same Program Again	
• program too general/not adequately prepared for job	6.2%
• too difficult/not enough time	5.4%
• unhappy with administration or instruction	3.8%
• learned nothing new/did not meet expectations	3.1%
• program needs practicum	2.8%
• other negative reasons	11.1%
Total negative reasons	32.4%
Total	100.0%

## LONGITUDINAL ANALYSIS

Highlighted below are the changes in the key variables for BMAS programs. For comparative purposes, the average across all program areas has also been included. The period analyzed includes graduates for the survey reporting period of September 1997 (Q5) to August 1999 (Q12).

### 1. Found Work Rates (previously unemployed graduates)

- the found work rate for previously unemployed graduates enrolled in BMAS programs has decreased from 76.2% for Q9:Q10 graduates to 72.2% among Q11: Q12 graduates.



**Table 3-1E**  
**Why Respondents Would or Would Not Choose Program Again**

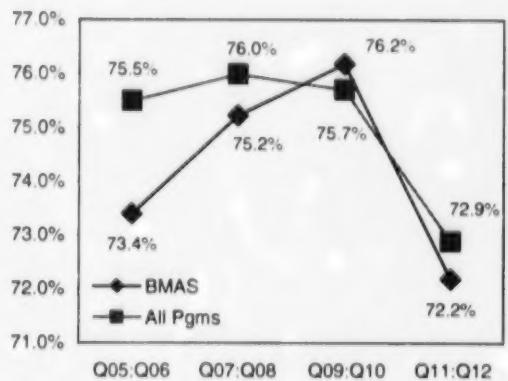
Respondents Who Would Choose Same Program Again	
• provides knowledge/skills/training expected	23.7%
• enjoyed field of study/experience	12.8%
• found employment/necessary for employment	11.1%
• teachers were great/positive atmosphere/material well taught	9.5%
• personal interest/learned new things	4.5%
• other positive reasons	6.0%
<b>Total positive reasons</b>	<b>67.6%</b>
Respondents Who Would Not Choose Same Program Again	
• program too general/not adequately prepared for job	6.2%
• too difficult/not enough time	5.4%
• unhappy with administration or instruction	3.8%
• learned nothing new/did not meet expectations	3.1%
• program needs practicum	2.8%
• other negative reasons	11.1%
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## LONGITUDINAL ANALYSIS

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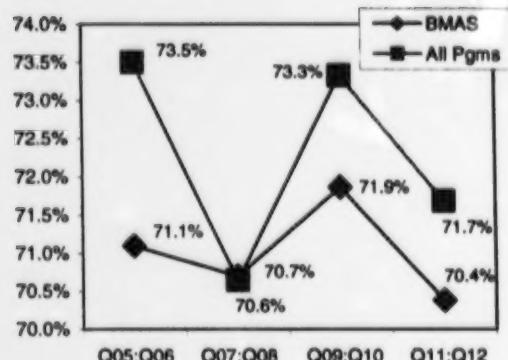
- the found work rate for previously unemployed graduates enrolled in BMAS programs has decreased from 76.2% for Q9:Q10 graduates to 72.2% among Q11: Q12 graduates.



## 2. Usefulness of Training In Getting Employment

Previously unemployed graduates<sup>1</sup> were asked to rate the usefulness of their training in securing work.

- across all programs in each quarter, approximately seven in ten respondents reported that their training was useful or very useful.
- usefulness ratings provided by BMAS graduates decreased from 71.9% in Q9:Q10 to 70.4% in Q11:Q12.

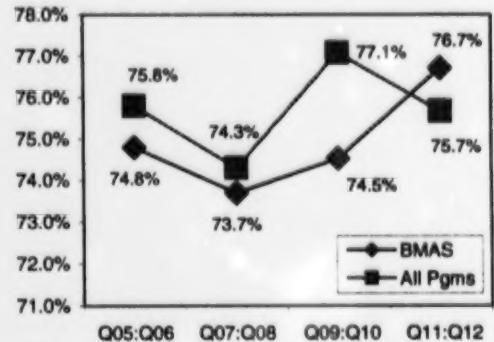


<sup>1</sup>This question was also asked of graduates who were still working for the same employer, performing the same job, but had obtained a second job after completing the program.

## 3. Usefulness of Training In Performing Work Activity

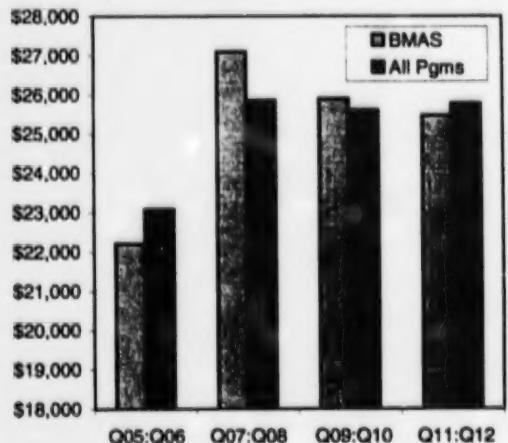
All employed graduates were asked to indicate the extent to which their training helped them perform their current work.

- satisfaction of BMAS graduates has improved somewhat since Q7:Q8, and has recently climbed to slightly above the all program average for Q11:Q12.



## 4. Average Salary (all graduates working full-time)

- recent BMAS graduates (Q11:Q12) reported average salaries of \$25,469, which represents a slight decrease as compared to Q9:Q10 salaries (\$25,892).

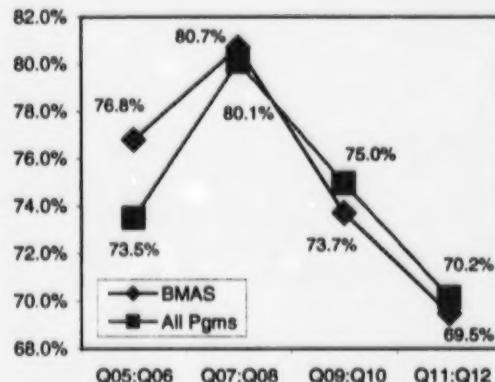


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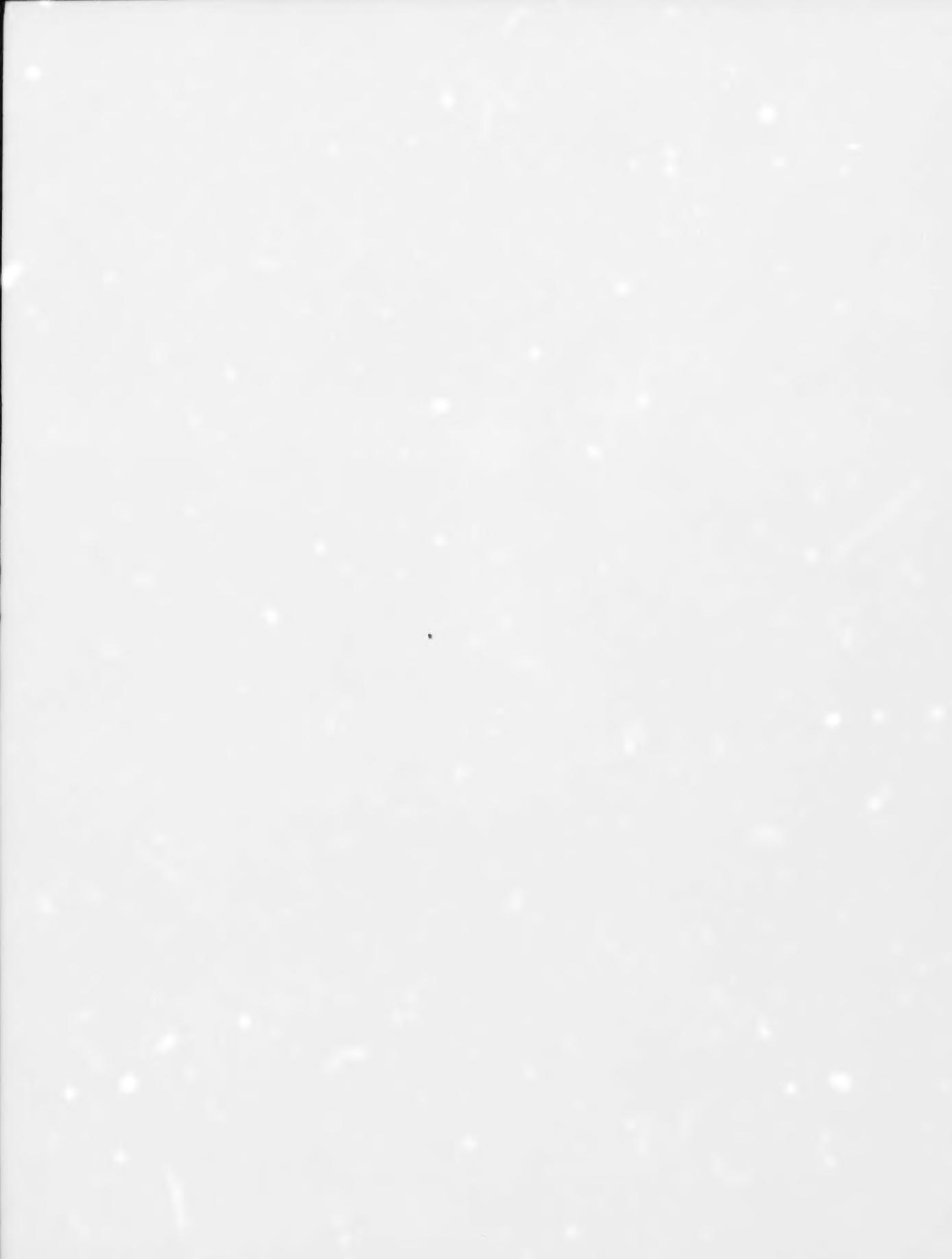
## 5. Overall Satisfaction with Program and Institution (all graduates)

Respondents were asked, given their experience, whether they would have enrolled in the same program at the same institution again.

- this rating decreased from 80.7% for all BMAS graduates in Q7:Q8, to 73.7% of respondents who graduated in Q9:Q10. The downtrend continued with a decrease in satisfaction (69.5%) reported by graduates in Q11:Q12.
- this is consistent with the views expressed by all graduates of a PTI, as overall (all program) satisfaction levels decreased steadily over the last three quarters.



### **3.2 MARKETING OPERATIONS AND MARKETING DISTRIBUTION (MO/MD)**



## 3.2 Marketing Operations/Marketing Distribution

### KEY STATISTICS

	Demographics	Program		All Programs		
		Post-Program Employment	Post-Program Unemployment	Post & Post-Program Employment	Post & Post-Program Unemployment	All Programs
		n=70	n=82	n=17	n=136	n=4151
Demographics	Female	%	64.3%	62.2%	58.8%	64.7%
	Male	%	35.7%	37.8%	41.2%	35.3%
	Aboriginal	%	4.3%	3.7%	5.9%	3.7%
	Visible Minority	%	37.1%	34.1%	41.2%	32.4%
	Long-term Health Condition	%	8.8%	6.1%	11.8%	10.3%
	Age: 30 years and less	%	25.7%	26.8%	23.5%	30.1%
	31-45 years	%	41.4%	43.9%	52.9%	41.9%
	46+ years	%	30.0%	28.8%	23.5%	26.5%
Region	Vancouver Island	%	14.3%	24.4%	5.9%	26.5%
	Lower Mainland	%	65.7%	75.6%	94.1%	73.5%
	Thompson-Okanagan	%	n/a	n/a	n/a	n/a
	Kootenay	%	n/a	n/a	n/a	1.0%
	Cariboo	%	n/a	n/a	n/a	1.8%
	North Coast	%	n/a	n/a	n/a	0.2%
	Nechako	%	n/a	n/a	n/a	0.2%
	Northeast	%	n/a	n/a	n/a	0.2%
	Outside B.C./Canada	%	n/a	n/a	n/a	2.2%
Highest Level of Education	Less than Grade 12	%	5.7%	8.1%	11.8%	8.8%
	High School Graduate	%	24.3%	20.7%	23.5%	20.6%
	Registered Apprentice	%	18.6%	19.5%	23.5%	19.9%
	College Diploma	%	20.0%	22.0%	11.8%	21.3%
	University-Non Degree	%	n/a	2.4%	n/a	1.5%
	Bachelor's Degree	%	5.7%	11.0%	n/a	10.3%
	Post Graduate Degree	%	8.8%	8.5%	n/a	6.6%
	Other/did not complete program	%	17.1%	9.8%	29.4%	11.8%
English Ability	Reading English - Very Good	%	68.6%	76.8%	47.1%	72.8%
	Written English - Very Good	%	64.3%	72.0%	35.3%	68.9%
	Spoken English - Very Good	%	74.3%	79.3%	64.7%	77.9%
Experience	Paid Related Work Experience <sup>(10)</sup>	%	53.2%	46.0%	57.1%	50.7%
	Unpaid Related Work Experience <sup>(10)</sup>	%	17.0%	8.0%	35.7%	15.1%

Note: Totals may not add to 100% due to missing data/no response.

- Footnotes:
1. Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" n = 4,151
  2. Index = Individual Program value / All Program value. The average > 1.00, numbers > 1.00 are above average and numbers < 1.00 are below average.
  3. % of graduates who found a new or different work. Does not include those respondents who were working in the same work/employer before and after the program.
  4. # found work / (# found work + # looking for work).
  5. Excludes self-employed graduates.
  6. % includes those respondents who found work while in their program.
  7. Full-time defined as working more than 30 hours per week.
  8. % who would enroll again.
  9. Excluding N/A responses.
  10. Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

# 3.2

## 3.2 Marketing Operations/Marketing Distribution

### KEY STATISTICS

	Characteristics	MOMD				All Programs	
		Pre-Program Unemployed	Post-Program Employed	Pre & Post Program Unemployed	n=136	n=4181	
Off Work	Not working/seeking employment	%	n/a	52.4%	n/a	51.5%	30.2%
	Working	%	n/a	15.9%	n/a	19.1%	40.7%
	Not working/unavailable to work	%	n/a	31.7%	n/a	29.4%	28.9%
Off Work	Found new/different work	%	61.4%	100.0%	n/a	61.0%	60.1%
	Same work/same employer	%	n/a	n/a	n/a	6.6%	13.2%
	Not working/seeking employment	%	24.3%	n/a	n/a	16.9%	15.9%
Off Employment	Not working/unavailable to work	%	14.3%	n/a	n/a	14.7%	10.6%
	Found Work Calculation <sup>(4)</sup>	%	71.7%	n/a	n/a	78.3%	79.0%
	Employed in training-related work	%	67.4%	73.2%	n/a	73.2%	74.3%
Off Employment	Usefulness of training in getting work <sup>(5)</sup>	%	71.9%	66.0%	n/a	66.0%	72.1%
	Usefulness of training in performing work	%	83.7%	79.3%	n/a	79.3%	78.1%
	Found work while in program <sup>(6)</sup>	%	11.8%	25.4%	n/a	22.0%	24.1%
Off Employment	Found work within 8 weeks of grad <sup>(7,8)</sup>	%	90.3%	87.8%	n/a	87.8%	79.0%
	Avg. Salary of Full-Time workers <sup>(7)</sup>	\$/yr	\$22,360	\$23,565	n/a	\$23,602	\$26,454
	Avg. Salary of Part-Time workers <sup>(7)</sup>	\$/yr	\$11,884	\$10,678	n/a	\$11,261	\$13,381
% of Respondents Satisfied	Overall satisfaction with program <sup>(9)</sup>	%	71.4%	75.6%	76.5%	74.3%	78.0%
	Overall satisfaction with program and institute <sup>(9)</sup>	%	81.4%	86.6%	82.4%	82.4%	71.8%
	Program Content	%	80.0%	84.1%	76.5%	82.4%	75.7%
Goals	Instruction	%	82.9%	87.8%	76.5%	83.8%	75.5%
	Learning Materials	%	71.4%	73.2%	64.7%	73.5%	70.9%
	Computer Hardware <sup>(10)</sup>	%	62.5%	67.1%	66.7%	66.4%	68.9%
Goals	Computer Software <sup>(10)</sup>	%	61.3%	64.9%	60.0%	66.1%	75.2%
	Equip. Other Than Computers <sup>(10)</sup>	%	60.0%	71.4%	50.0%	66.2%	69.0%
	Main reason for enrolling was met	%	75.7%	81.7%	70.6%	77.9%	80.5%
	Program provided skills expected	%	95.7%	95.1%	88.2%	91.9%	90.2%

Note: Totals may not add to 100% due to missing data/no response.

- Footnotes:
1. Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" - n = 4,181
  2. Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers<1.00 are below average.
  3. # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.
  4. # found work / (# found work + # looking for work).
  5. Excludes self-employed graduates.
  6. % includes those respondents who found work while in their program.
  7. Full-time defined as working more than 30 hours per week.
  8. % who would enroll again.
  9. Excluding N/A responses.
  10. Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

### 3.2 Marketing Operations/Marketing Distribution

#### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n>0. Statistics are not detailed separately for CIP areas with small sample sizes.

	Characteristics	MOMD						All Program
		n= 35	n= 60	n= 38	n= 136	n= 4151		
Demographics	Female	%	34.3%	73.3%	78.9%	64.7%	64.1%	1.01
	Male	%	65.7%	26.7%	21.1%	35.3%	35.9%	0.98
	Aboriginal	%	2.9%	3.3%	5.3%	3.7%	5.3%	0.69
	Visible Minority	%	11.4%	38.3%	44.7%	32.4%	18.5%	1.75
	Long-term Health Condition	%	14.3%	10.0%	7.9%	10.3%	9.0%	1.14
	Age: 30 years and less	%	8.6%	53.3%	13.2%	30.1%	43.0%	0.70
	31-45 years	%	60.0%	25.0%	52.6%	41.9%	40.2%	1.04
	46+ years	%	31.4%	20.0%	31.6%	26.5%	16.3%	1.62
Region	Vancouver Island	%	91.4%	1.7%	n/a	26.5%	20.7%	1.28
	Lower Mainland	%	8.6%	98.3%	100.0%	73.5%	63.8%	1.15
	Thompson-Okanagan	%	n/a	n/a	n/a	n/a	9.8%	n/a
	Kootenay	%	n/a	n/a	n/a	n/a	1.0%	n/a
	Cariboo	%	n/a	n/a	n/a	n/a	1.8%	n/a
	North Coast	%	n/a	n/a	n/a	n/a	0.2%	n/a
	Nechako	%	n/a	n/a	n/a	n/a	0.2%	n/a
	Northeast	%	n/a	n/a	n/a	n/a	0.2%	n/a
	Outside B.C./Canada	%	n/a	n/a	n/a	n/a	2.2%	n/a
Highest Level of Education	Less than Grade 12	%	5.7%	11.7%	n/a	6.6%	11.1%	0.60
	High School Graduate	%	11.4%	21.7%	28.9%	20.6%	27.1%	0.78
	Registered Apprentice	%	28.6%	18.7%	18.4%	19.9%	15.1%	1.31
	College Diploma	%	20.0%	21.7%	21.1%	21.3%	20.9%	1.02
	University-Non Degree	%	n/a	1.7%	2.6%	1.5%	2.4%	0.60
	Bachelor's Degree	%	17.1%	10.0%	2.6%	10.3%	8.8%	1.17
	Post Graduate Degree	%	2.9%	3.3%	13.2%	6.6%	4.0%	1.66
	Other/did not complete program	%	8.6%	13.3%	13.2%	11.8%	10.4%	1.13
English Abilities	Reading English - Very Good	%	80.0%	66.7%	73.7%	72.8%	78.8%	0.92
	Written English - Very Good	%	71.4%	61.7%	68.4%	66.9%	75.7%	0.86
	Spoken English - Very Good	%	94.3%	70.0%	73.7%	77.9%	85.1%	0.92
Prev Work	Paid Related Work Experience <sup>(10)</sup>	%	91.7%	47.1%	34.6%	50.7%	48.9%	1.08
	Unpaid Related Work Experience <sup>(10)</sup>	%	18.7%	20.6%	7.7%	15.1%	26.6%	0.57

Note: Totals may not add to 100% due to missing data/no response.

- Footnotes:
- Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" = n = 4,151
  - Index = Individual Program value / All Program values. The average >1.00, numbers >1.00 are above average and numbers <1.00 are below average.
  - # of graduates who found a new or different work. Does not include those respondents who were working in the same work/employer before and after the program.
  - # found work / (# found work + # looking for work).
  - Excludes self-employed graduates.
  - % includes those respondents who found work while in their program.
  - Full-time defined as working more than 30 hours per week.
  - % who would enroll again.
  - Excluding N/A responses.
  - Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

# 3.2

## 3.2 Marketing Operations/Marketing Distribution

### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n<8. Statistics are not detailed separately for CIP areas with small sample sizes.

Program Area	Program Status	MOMO					
		n=35	n=60	n=36	n=136	n=4181	Program Value
Not working/seeking employment	%	28.6%	55.0%	65.6%	51.5%	30.2%	1.70
Working	%	25.7%	13.3%	21.1%	19.1%	40.7%	0.47
Not working/unavailable to work	%	45.7%	31.7%	13.2%	29.4%	28.9%	1.02
Found new/different work	%	54.3%	51.7%	84.2%	61.0%	60.1%	1.02
Same work/same employer	%	11.4%	6.7%	n/a	6.6%	13.2%	0.50
Not working/seeking employment	%	17.1%	20.0%	13.2%	16.9%	15.9%	1.06
Not working/unavailable to work	%	14.3%	21.7%	2.6%	14.7%	10.6%	1.36
Found Work Calculation <sup>(1)</sup>	%	76.0%	72.1%	86.5%	78.3%	79.0%	0.99
Employed in training-related work	%	73.7%	76.7%	68.9%	73.2%	74.3%	0.98
Usefulness of training in getting work <sup>(2)</sup>	%	40.0%	73.9%	68.7%	68.0%	72.1%	0.94
Usefulness of training in performing work	%	68.4%	90.0%	76.0%	78.3%	78.1%	1.04
Found work while in program <sup>(3)</sup>	%	15.8%	16.7%	31.3%	22.0%	24.1%	0.91
Found work within 8 weeks of grad <sup>(4), (5)</sup>	%	n/a	13.0%	4.8%	87.8%	79.0%	1.11
Avg. Salary of Full-Time workers <sup>(7)</sup>	\$/yr	\$33,816	\$20,444	\$22,505	\$23,802	\$26,454	0.89
Avg. Salary of Part-Time workers <sup>(7)</sup>	\$/yr	\$13,660	\$8,925	\$11,310	\$11,261	\$13,381	0.84
Overall satisfaction with program <sup>(8)</sup>	%	85.7%	66.0%	76.3%	74.3%	78.0%	0.86
Overall satisfaction with program and institute <sup>(8)</sup>	%	88.6%	73.3%	88.5%	82.4%	71.8%	1.15
Program Content	%	91.4%	70.0%	92.1%	82.4%	75.7%	1.00
Instruction	%	91.4%	73.3%	92.1%	83.8%	75.5%	1.11
Learning Materials	%	77.1%	65.0%	81.8%	73.5%	70.9%	1.04
Computer Hardware <sup>(9)</sup>	%	79.3%	66.0%	50.0%	66.4%	68.9%	0.96
Computer Software <sup>(9)</sup>	%	75.9%	67.3%	54.3%	66.1%	75.2%	0.88
Equip. Other Than Computers <sup>(9)</sup>	%	64.3%	74.3%	46.7%	66.2%	69.0%	0.96
Main reason for enrolling was met	%	88.6%	71.7%	78.9%	77.9%	80.6%	0.97
Program provided skills expected	%	100.0%	85.0%	94.7%	91.9%	90.2%	1.02

Note: Totals may not add to 100% due to missing data/no response.

#### Footnotes:

- Includes responses of all graduates, regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" - n = 4,181
- Index = Individual Program value / All Program value. The average > 1.00, numbers > 1.00 are above average and numbers < 1.00 are below average.
- # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.
- # found work / (# found work + # looking for work).
- Excludes self-employed graduates.
- % includes those respondents who found work while in their program.
- Full-time defined as working more than 30 hours per week.
- % who would enroll again.
- Excluding N/A responses.
- Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

## Marketing Operations / Marketing and Distribution (MO/MD)

### KEY CHARACTERISTICS

Female/male ratio	1.83:1
Overall satisfaction with program	74.3%
Pre-program employed	19.1%
Post-program employed	67.6%
Went on to new or different job after completed program	61.0%
Average length of time taken to find work	5.2 weeks
Employed in training-related work	73.2%
Average salary (full-time workers)	\$23,602

### INCLUDED IN THIS PROGRAM

- 8.0102 Fashion Merchandising
- 8.0301 Entrepreneurship
- 8.0706 General Selling Skills & Sales Operations
- 8.1001 Insurance Marketing Operations



For this survey administration period (Q9:Q12) MO/MD was characterized by a 68.7% response rate based on a valid sample of 198 graduates. The not-in-service rate/wrong number for MO/MD graduates was 21.6%.

### PRE-PROGRAM/POST-PROGRAM STATUS OF TRAINEES

#### All Graduates

All survey participants who had completed 75% or more of their program requirements were asked to detail what activities they had been doing prior to enrolling in a MO/MD program as well as their current status six months after graduation.

Program graduates were contacted six months after completion of their program to ascertain their employment status. As highlighted in the Key Statistics table:

- 67.6% of MO/MD graduates indicated that they were working – either at the same job with the same employer (6.6%) or at a new or different job (61.0%);
- 16.9% of graduates stated that they were unemployed and actively seeking work; and
- 14.7% of graduates had not been working nor were actively looking for work.

*"Everything I learned in the course I am using today at work. It prepared me very well for work and I had a lot of confidence when approaching employers."*

#### Excluding Graduates That Are Unavailable for Work

To develop an accurate profile of the impacts of private training, pre- and post-program employment status was also analyzed excluding those graduates who were unavailable to work or not seeking work. Students in this category may be unavailable for a variety of reasons that make it difficult to seek employment (e.g. illness, taking care of family, going

## 3.2

*"The program was a very good refresher course for my existing knowledge."*

*"I enjoyed the course. I am 48 years old and needed the upgrading and the course did that. All the information was beneficial."*

to school). Table 3-2A focuses on the employment status of those who were working, or unemployed and seeking work.

**Table 3-2A  
Pre- and Post-Program Employment Status - MO/MD Graduates  
Excluding Graduates Not Seeking Employment**

Status	Pre-Program	Post-Program
Not working/seeking employment	82.2%	20.2%
Working (same job/same employer)	17.8%	7.9%
Found new/different job <sup>1</sup>	n/a	71.9%

n = 73 for pre-program status and n = 114 for post program status

<sup>1</sup>Includes those respondents who were with the same employer, but doing a different job

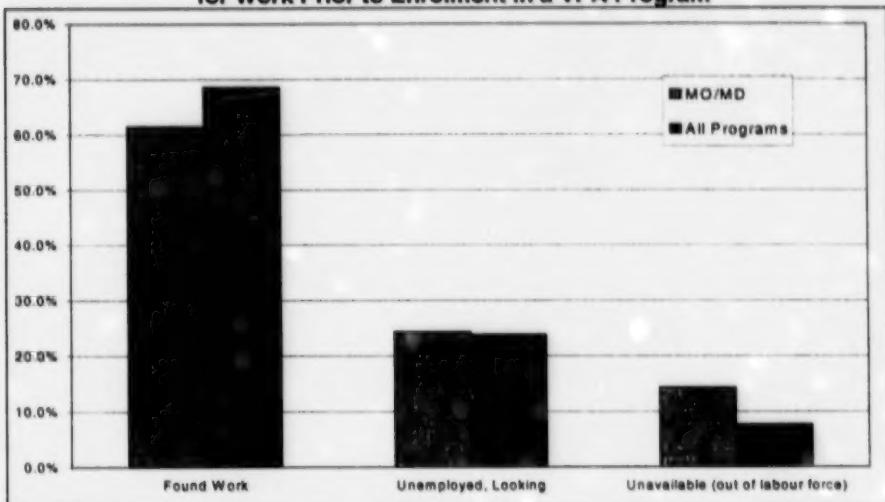
### **Previously Unemployed Graduates**

A key issue of the survey is to identify the effectiveness of the training provided in assisting previously unemployed program participants (who were seeking employment) to find work. For example, of the survey participants who graduated from a MO/MD program, 70 or 51.5% indicated that they had not been working and were seeking employment prior to their enrolment in the program. Analysis of the outcomes associated with this group six months after graduation indicates that **61.4% of these previously unemployed graduates were now working** at the time of the interview and just under one-quarter (24.3%) were unemployed and still looking for work.

Found work rates are used to assess the effectiveness in helping previously unemployed participants find work. Found work rates exclude graduates who were unavailable and not looking for work after their program was completed (see section 1.4 for a definition of found work rates). Based on information collected for Q9 to Q12 (March 1998 to February 1999) graduates, the found work rate for previously unemployed MO/MD graduates was calculated to be 71.7% (e.g., 71.7% of those respondents available to work were working at the time of the interview).

The found work rate calculation indicates that of those graduates who were pre-program unemployed (and looking for work), just under three-quarters of graduates had found work when surveyed six months after graduating from this program.

**Chart 3-2A**  
**Post-Program Status of Graduates Who Were Looking  
 for Work Prior to Enrolment in a VPA Program**



n = 70 for MO/MD and n = 1,260 for all programs

#### **TYPE OF WORK FOUND BY PTI GRADUATES WHO WERE PREVIOUSLY UNEMPLOYED**

Further analysis of the graduates who were not working prior to enrolling in an institution was carried out to determine what kinds of jobs and in what industries graduates were finding employment.

Detailed in Table 3-2B are the top five occupations and top five industries in which MO/MD graduates found work. Students were asked during the survey to provide their job title, duties and type of industry that they were employed in. Responses were coded according to the National Occupational Classification (NOC) and North American Industry Classification System (NAICS) [previously known as Standard Industry Classification – SIC].

*"I feel that I learned a lot because the class was small and I was able to ask more questions, which made the course more interesting for me."*

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## 3.2

**Table 3-2B  
Identification of Key Occupations and Industries In Which Previously Unemployed PTI  
Graduates Found Employment - MO/MD**

Top Five Occupations (% share)	Top Five Industries (% share)
Insurance Agents and Brokers 17.7%	Insurance Agencies and Brokages 50.0%
Customer Service, Information and Related Clerks 7.6%	Sales Financing 4.5%
Retail Salespersons & Sales Clerks 6.3%	Limited-Service Eating Places 4.5%
Cashiers 5.1%	Marketing Research and Public Opinion Polling 4.5%
General Office Clerks 5.1%	Mortgage and Non-mortgage Loan Brokers 4.5%

*"Having it on my resume helped me to get a job immediately upon graduation, and it's been very useful in performing my daily job activities."*

Analysis was also completed to establish the extent to which work found by previously unemployed graduates generally matched the training provided (e.g. proportion of previously unemployed graduates who found work in a training-related area).

For those graduates who were pre-program unemployed, 67.4% reported that they found work in a training-related area. These graduates also reported high levels of satisfaction with the type of training provided – 71.9% reported that their training was very useful or useful in getting work, and 83.7% reported that their training was very useful or useful in performing work.

Chart 3-2B highlights the percentage of graduates who report that they found work that was very related (41%) or somewhat related (29%) to the training provided. Over one-quarter (29%) of previously unemployed MO/MD graduates noted that the employment they had secured was not at all related to the training provided at the PTI.

*"Having it on my resume helped me to get a job immediately upon graduation, and it's been very useful in performing my daily job activities."*

**Table 3-2B**  
**Identification of Key Occupations and Industries In Which Previously Unemployed PTI Graduates Found Employment - MO/MD**

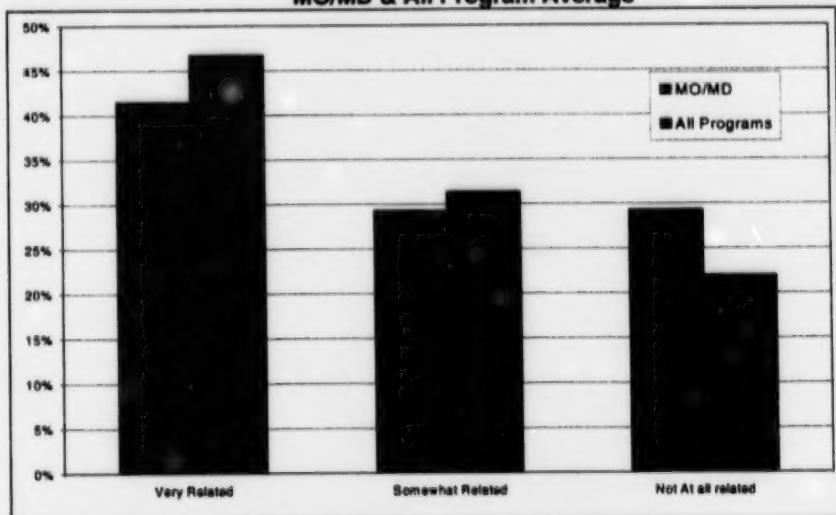
Top Five Occupations (% share)	Top Five Industries (% share)
Insurance Agents and Brokers 17.7%	Insurance Agencies and Brokerages 50.0%
Customer Service, Information and Related Clerks 7.6%	Sales Financing 4.5%
Retail Salespersons & Sales Clerks 6.3%	Limited-Service Eating Places 4.5%
Cashiers 5.1%	Marketing Research and Public Opinion Polling 4.5%
General Office Clerks 5.1%	Mortgage and Non-mortgage Loan Brokers 4.5%
% Share of five occupations 41.8%	% Share of five industries 68.2%

Analysis was also completed to establish the extent to which work found by previously unemployed graduates generally matched the training provided (e.g. proportion of previously unemployed graduates who found work in a training-related area).

For those graduates who were pre-program unemployed, 67.4% reported that they found work in a training-related area. These graduates also reported high levels of satisfaction with the type of training provided – 71.9% reported that their training was very useful or useful in getting work, and 83.7% reported that their training was very useful or useful in performing work.

Chart 3-2B highlights the percentage of graduates who report that they found work that was very related (41%) or somewhat related (29%) to the training provided. Over one-quarter (29%) of previously unemployed MO/MD graduates noted that the employment they had secured was not at all related to the training provided at the PTI.

**Chart 3-2B**  
**"Match" Between Training Provided and Work Found**  
**Graduates Who Were Unemployed and Seeking Work Prior to Enrolment In a PTI**  
**MO/MD & All Program Average**



n = 41 for MO/MD and n = 839 for all programs

#### AVERAGE LENGTH OF TIME TAKEN TO FIND WORK

Survey participants who were unemployed (pre-program) and who were seeking employment were asked to indicate the length of time (in weeks) they spent actively looking for their current employment. Analysis of the data indicates that:

- 20.0% of previously unemployed MO/MD graduates noted that they had found work while enrolled in the program;
- 90.0% indicated that they had secured employment within two months of graduation, significantly above the all program average of 80.6%.

# 3.2

**Table 3-2C**  
**Time Taken to Find Work – Pre-Program Unemployed (Seeking Employment)**  
**MO/MD and All Program Average**

	MO/MD	All Programs
Total number unemployed (pre-program) and seeking employment	70	1255
% who found employment	61.4%	68.6%
% who were unemployed but unavailable to work	14.3%	7.6%
of those who were employed <sup>1</sup> :	40	732
% who found employment while enrolled in the program	20.0%	29.5%
Less than 5 weeks after graduation	57.5%	40.2%
5-8 weeks after graduation	12.5%	10.9%
9-12 weeks after graduation	0.0%	6.3%
13-20 weeks after graduation	5.0%	7.9%
more than 20 weeks after graduation	2.5%	3.1%
don't know	2.5%	2.0%
Total – 2 months or less after graduation <sup>2</sup>	90.0%	80.6%

<sup>1</sup>excludes self-employed respondents and those respondents with a paid job to start at a definite date in the future.

<sup>2</sup>includes those respondents that found work while enrolled in the program.

## EARNINGS OF PTI GRADUATES

Graduates who had found employment, or were working in new or different jobs, were asked to provide an estimate of their current earnings. As many individuals noted that they worked on a part-time basis, caution should be used in the interpretation of the wage information. In order to accurately reflect annual earnings on a full-time basis, wage data is reported for two groups: part-time basis (those who work 30 hours or less per week) and full-time workers (those who work more than 30 hours per week).

Review of the information provided by MO/MD graduates indicates that:

- On average, MO/MD graduates who were working on a part-time basis (30 hours or less per week) reported an estimated average annual salary of \$11,261; graduates who were working on a full-time basis (more than 30 hours per week) reported an average annual salary of \$23,602.
- There was a small difference in the average annual salary on the basis of respondents pre-program status: those graduates who had been working prior to starting the program earned \$24,139 per year – which was modestly higher than the \$22,360 per year earned by PTI graduates who found new or different work after completing their program.

**Table 3-2D**  
**Estimated Average Annual Earnings of MO/MO Graduates**  
**by Pre-Program and Current Employment Status**

	Unemployed and Looking for Work Prior to Program		Employed Prior to Program		Program Average <sup>1</sup>	
	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time
Number Reporting	11	31	25	53	29	60
Estimated Average Annual Salary	\$11,684	\$22,360	\$13,536	\$24,139	\$11,261	\$23,602

<sup>1</sup>Includes all respondents irrespective of pre-program status (employed, unemployed and unemployed not available to work)

Note: Part-time defined as 30 hours or less per week; full-time defined as more than 30 hours per week

### PROFILE OF UNEMPLOYED GRADUATES BY EDUCATION LEVEL AND YEARS OF WORK EXPERIENCE

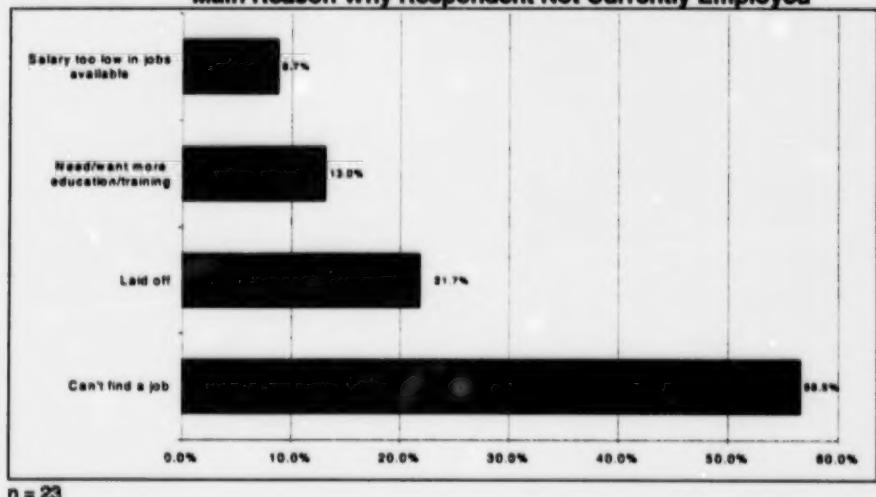
#### Main Reason Why Not Working

Highlighted below in Chart 3-2C is the main reason provided by MO/MO respondents why they were not working at the time of the survey, regardless of their pre-program status. As noted in the chart, the top three reasons reported by respondents were they could not find a job (56.5%), they were laid off (21.7%) and the need for more education or training (13.0%).

- 17 graduates classified themselves as pre- and post-program unemployed and looking for work. The top reason given for being unemployed was unable to find work (58.8%).
- 47.1% of pre- and post-program unemployed/looking for work graduates had worked at a job or business at some time since leaving their program while 52.9% indicated that they had not worked at any job or business since completion of their program.
- 82.4% of this same group indicated that they had looked for employment in the last four weeks and some respondents (23.5%) stated that they had searched for work in their field of study.

## 3.2

**Chart 3-2C**  
**Post-Program - Not Working/Looking for Work**  
**Main Reason Why Respondent Not Currently Employed**



### Educational Profile

The Key Statistics table provides a general educational profile of all MO/MD graduates by employment status. Analysis of the data suggests:

- Many pre- and post-program unemployed/looking for work graduates had completed a college diploma (11.8%) prior to enrolling in their program. Almost double the proportion of employed graduates had previously completed a college diploma.
- 40.0% of unemployed graduates who had completed high school, and 18.2% of respondents who had completed other post-secondary education, obtained some of their training outside of Canada.
- None of the 17 graduates who were not employed at the time of the interview have taken further training since the completion of their program.

### Level of Paid/Unpaid Work Experience

The following analysis is based on 17 responses provided by pre- and post-program unemployed/looking for work graduates.

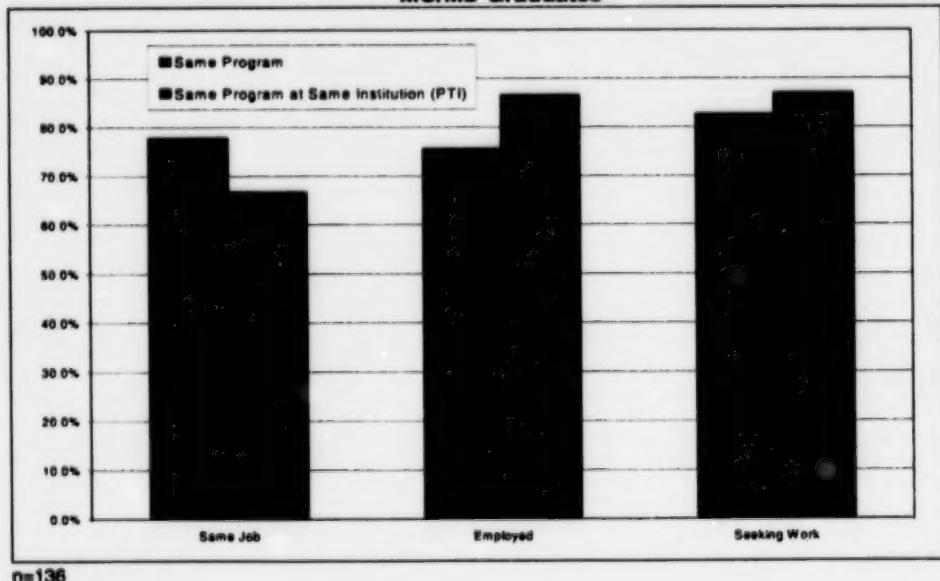
- 57.1% of unemployed respondents had paid related work experience prior to taking their program. Almost two-thirds (62.5%) of respondents had three or more years of paid work experience in Canada and 12.5% of respondents had three or more years of work experience outside of Canada.
- Respondents were asked to indicate whether they had any unpaid or volunteer work related to the type of job they were seeking: five respondents indicated that they had done some unpaid or volunteer work.

## OVERALL SATISFACTION WITH THE EDUCATION AND TRAINING PROVIDED

To evaluate the quality of programs currently offered by private training institutions and the institutions themselves, respondents were asked, given their experience since completing the program, whether they would choose to study the same program again. Similarly, respondents were asked, given their experience, whether they would choose to study the same program and at the same institution again. Analysis of the data indicates that:

- Overall, 74.3% of MO/MD graduates indicated that, given their experience since graduation, they would again enroll in a MO/MD program. However, those graduates who were employed at the time of the interview were less positive about the program (75.6%) than were those individuals who had not found work after completion of the program (82.6% satisfaction rating).
- 82.4% of MO/MD graduates noted that they would enroll in the same program at the same institution.

**Chart 3-2D**  
**Proportion of Graduates Who Indicated That They Would Enroll In Same Program and Same Program/Same Institution by Current Employment Status**  
**MO/MD Graduates**



Most respondents provided open-ended comments as to why they would or would not take their respective programs again. These comments were subsequently coded into twenty-two categories of positive or negative reasons. Table 3-2E provides the top five positive and top negative reasons why students would or would not attend the same program again.

Nearly 75% of MO/MD graduates said that they would attend their program again. Positive comments provided by the graduates included that the program provided the

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knowledge and skills expected by the respondents (22.2%), the program was an enjoyable experience (14.3%), and that the program was necessary to secure employment (11.6%).

Of the top five reasons why students would not enroll in the program again, the most likely reasons were the program was too general (5.3%), the program was too difficult or not enough time was allocated (4.8%), the students were unhappy with the administration (4.8%) or the program did not meet expectations (4.8%).

**Table 3-2E**  
**Why Respondents Would or Would Not Choose Program Again - MO/MD**

Respondents Who Would Choose Same Program Again	
•provides knowledge/skills/training expected	22.2%
•enjoyed field of study/experience	14.3%
•found employment/necessary for employment	11.6%
•teachers were great/positive atmosphere/material well taught	9.0%
•personal interest/learned new things	5.3%
•other positive reasons	8.5%
<b>Total positive reasons</b>	<b>67.6%</b>
Respondents Who Would Not Choose Same Program Again	
•program too general/not adequately prepared for job	5.3%
•too difficult/not enough time	4.8%
•unhappy with administration or instruction	4.8%
•learned nothing new/did not meet expectations	4.8%
•program needs practicum	2.6%
•other negative reasons	6.8%
<b>Total negative reasons</b>	<b>29.1%</b>
<b>Total</b>	<b>100.0%</b>

## 3.2

knowledge and skills expected by the respondents (22.2%), the program was an enjoyable experience (14.3%), and that the program was necessary to secure employment (11.6%).

Of the top five reasons why students would not enroll in the program again, the most likely reasons were the program was too general (5.3%), the program was too difficult or not enough time was allocated (4.8%), the students were unhappy with the administration (4.8%) or the program did not meet expectations (4.8%).

**Table 3-2E**  
**Why Respondents Would or Would Not Choose Program Again - MO/MD**

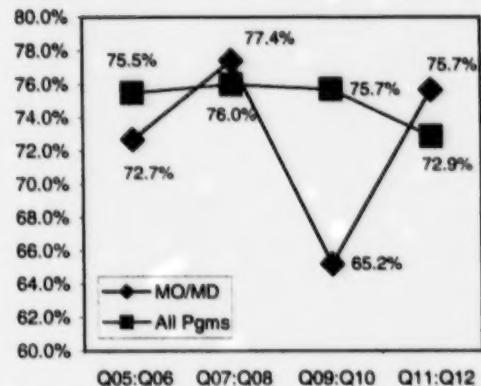
Respondents Who Would Choose Same Program Again	
•provides knowledge/skills/training expected	22.2%
•enjoyed field of study/experience	14.3%
•found employment/necessary for employment	11.6%
•teachers were great/positive atmosphere/material well taught	9.0%
•personal interest/learned new things	5.3%
•other positive reasons	8.5%
Respondents Who Would Not Choose Same Program Again	
•program too general/not adequately prepared for job	5.3%
•too difficult/not enough time	4.8%
•unhappy with administration or instruction	4.8%
•learned nothing new/did not meet expectations	4.8%
•program needs practicum	2.6%
•other negative reasons	6.8%
Total negative reasons	38.1%
Total	100.0%

## LONGITUDINAL ANALYSIS

Highlighted below are the changes in the key variables for MO/MD programs. For comparative purposes, the average across all program areas has also been included. The period analyzed includes graduates for the survey reporting period of September 1997 (Q5) to August 1999 (Q12).

### 1. Found Work Rates (previously unemployed graduates)

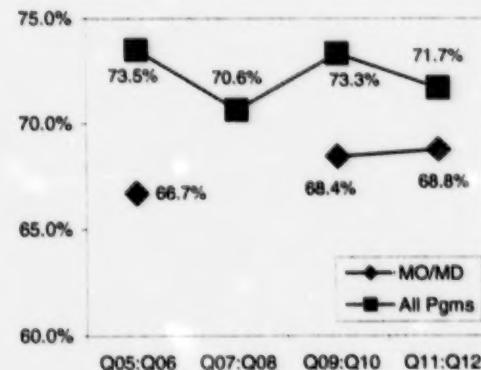
- the found work rate for previously unemployed graduates enrolled in MO/MD programs has increased from 65.2% for Q9:Q10 graduates to 75.7% for Q11:Q12 graduates.
- MO/MD found work rate rose above the all program average in Q11:Q12.



### 2. Usefulness of Training in Getting Employment

Previously unemployed graduates' were asked to rate the usefulness of their training in securing work.

- across all programs in each quarter, approximately seven in ten respondents reported that their training was useful or very useful.
- usefulness ratings provided by MO/MD graduates increased slightly from 68.4% in Q9:Q10 to 68.8% in Q11:Q12.
- as there was an insufficient number of graduates providing data for Q7:Q8, data for this period has not been reported.

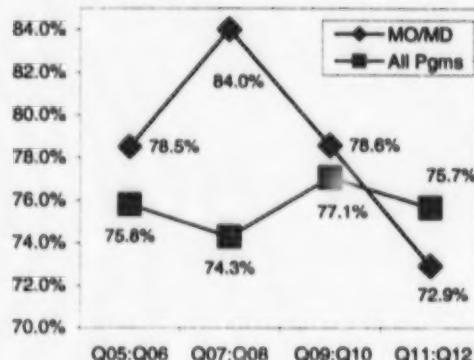


<sup>1</sup>This question was also asked of graduates who were still working for the same employer, performing the same job, but had obtained a second job after completing the program.

### 3. Usefulness of Training in Performing Work Activity

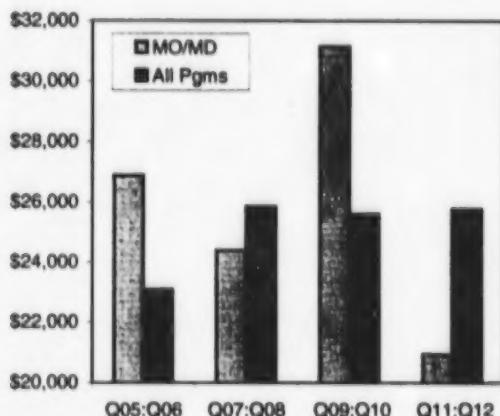
All employed graduates were asked to indicate the extent to which their training helped them perform their current work.

- satisfaction of MO/MD graduates has dropped consistently since Q7:Q8, and has recently dipped slightly below the all program average for the comparable period.



### 4. Average Salary (all graduates working full-time)

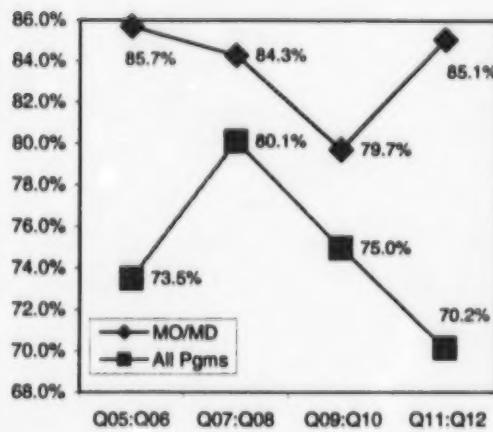
- recent MO/MD graduates (Q11:Q12) reported average salaries of \$20,948, which represents a dramatic decrease from Q9:Q10 salaries (\$31,154).



### 5. Overall Satisfaction with Program and Institution (all graduates)

Respondents were asked, given their experience, whether they would have enrolled in the same program at the same institution again.

- this rating decreased from 84.3% for all MO/MD graduates in Q7:Q8, to 79.7% of respondents who graduated in Q9:Q10. The downtrend reversed with an increase in satisfaction (85.1%) reported by graduates in Q11:Q12.
- in the views expressed by all graduates of a PTI, overall (all program) satisfaction levels decreased steadily over the last three quarters.



### **3.3 COMPUTER AND INFORMATION SERVICES (C/IS)**



# 3.3

## 3.3 Computer & Information Services

### KEY STATISTICS

	Characteristics	CIS					All Programs	
		Pre-Program Unemployed	Post- Program Employed	Post- Program Unemployed	Post- Program Full-time	All Programs		
	n	%	n	%	n	n	%	
Demographic								
Gender	Female	n	22.9%	25.8%	25.0%	24.3%	64.1%	0.38
	Male	n	77.1%	74.2%	75.0%	75.7%	35.9%	2.11
	Aboriginal	n	2.1%	3.2%	n/a	3.5%	5.3%	0.66
	Visible Minority	n	18.7%	12.9%	25.0%	16.0%	18.5%	0.86
	Long-term Health Condition	n	6.3%	9.7%	n/a	8.3%	9.0%	0.92
	Age: 30 years and less	n	29.2%	44.1%	16.7%	45.1%	43.0%	1.05
	31-45 years	n	54.2%	48.4%	50.0%	43.1%	40.2%	1.07
	46+ years	n	16.7%	7.5%	33.3%	11.8%	16.3%	0.72
Region	Vancouver Island	n	6.3%	8.5%	n/a	10.4%	20.7%	0.50
	Lower Mainland	n	85.4%	80.6%	83.3%	75.7%	63.8%	1.19
	Thompson-Okanagan	n	6.3%	11.8%	8.3%	11.8%	9.8%	1.20
	Kootenay	n	n/a	n/a	n/a	n/a	1.0%	n/a
	Cariboo	n	n/a	n/a	n/a	n/a	1.8%	n/a
	North Coast	n	n/a	n/a	n/a	n/a	0.2%	n/a
	Nechako	n	n/a	n/a	n/a	n/a	0.2%	n/a
	Northeast	n	n/a	n/a	n/a	n/a	0.2%	n/a
	Outside B.C./Canada	n	2.1%	1.1%	8.3%	2.1%	2.2%	0.95
Highest Level of Education	Less than Grade 12	n	10.4%	7.5%	n/a	6.3%	11.1%	0.56
	High School Graduate	n	18.8%	17.2%	25.0%	19.4%	27.1%	0.72
	Registered Apprentice	n	14.6%	14.0%	8.3%	12.5%	15.1%	0.63
	College Diploma	n	20.8%	22.6%	18.7%	22.2%	20.9%	1.06
	University-Non Degree	n	4.2%	3.2%	8.3%	2.8%	2.4%	1.14
	Bachelor's Degree	n	14.6%	15.1%	18.7%	14.6%	8.8%	1.66
	Post Graduate Degree	n	8.3%	8.6%	16.7%	9.7%	4.0%	2.45
	Other/did not complete program	n	8.3%	11.8%	8.3%	12.5%	10.4%	1.20
English Abilities	Reading English - Very Good	n	75.0%	82.8%	83.3%	79.2%	78.8%	1.01
	Written English - Very Good	n	77.1%	81.7%	66.7%	77.1%	75.7%	1.02
	Spoken English - Very Good	n	83.3%	88.2%	66.7%	84.0%	85.1%	0.99
Prior Work	Paid Related Work Experience <sup>(10)</sup>	n	55.6%	39.2%	66.7%	45.8%	48.9%	0.97
	Unpaid Related Work Experience <sup>(10)</sup>	n	29.6%	23.5%	25.0%	21.5%	26.6%	0.81

Note: Totals may not add to 100% due to missing data/no response.

- Footnotes:
1. Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" n = 4,181
  2. Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers<1.00 are below average.
  3. # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.
  4. # found work / (# found work + # looking for work).
  5. Excludes self-employed graduates.
  6. % includes those respondents who found work while in their program.
  7. Full-time defined as working more than 30 hours per week.
  8. % who would enroll again.
  9. Excluding N/A responses.
  10. Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

# 3.3

## 3.3 Computer & Information Services

### KEY STATISTICS

	Characteristics	CIS						All Programs
		n=48	n=93	n=12	n=144	n=4151		
Of Resps.	Not working/seeking employment	%	n/a	37.6%	n/a	33.3%	30.2%	1.10
	Working	%	n/a	36.6%	n/a	40.3%	40.7%	0.99
	Not working/unavailable to work	%	n/a	25.6%	n/a	26.4%	28.9%	0.91
Of Resp.	Found new/different work	%	72.9%	100.0%	n/a	64.6%	60.1%	1.07
	Same work/same employer	%	n/a	n/a	n/a	7.6%	13.2%	0.58
	Not working/seeking employment	%	25.0%	n/a	n/a	21.5%	15.9%	1.35
Of Employed	Not working/unavailable to work	%	2.1%	n/a	n/a	6.3%	10.6%	0.59
	Found Work Calculation <sup>(1)</sup>	%	74.5%	n/a	n/a	75.0%	79.0%	0.95
	Employed in training-related work	%	85.7%	88.2%	n/a	88.2%	74.3%	1.19
Of Employed	Usefulness of training in getting work <sup>(2)</sup>	%	71.4%	84.0%	n/a	84.0%	72.1%	1.18
	Usefulness of training in performing work	%	82.9%	83.9%	n/a	83.9%	76.1%	1.10
	Found work while in program <sup>(3)</sup>	%	33.3%	37.8%	n/a	33.3%	24.1%	1.38
Of Employed	Found work within 8 weeks of grad <sup>(4-6)</sup>	%	80.0%	70.6%	n/a	70.6%	79.0%	0.89
	Avg. Salary of Full-Time workers <sup>(7)</sup>	\$/yr	\$32,833	\$31,636	n/a	\$31,625	\$26,454	1.20
	Avg. Salary of Part-Time workers <sup>(7)</sup>	\$/yr	\$14,073	\$12,949	n/a	\$12,937	\$13,381	0.97
Overall Satisfaction	Overall satisfaction with program <sup>(8)</sup>	%	70.6%	73.1%	66.7%	72.2%	78.0%	0.93
	Overall satisfaction with program and institute <sup>(8)</sup>	%	50.0%	54.8%	16.7%	47.9%	71.8%	0.67
	Program Content	%	62.5%	65.6%	58.3%	64.6%	75.7%	0.85
Program Components	Instruction	%	56.3%	59.1%	58.3%	57.8%	75.5%	0.78
	Learning Materials	%	52.1%	49.5%	50.0%	50.0%	70.9%	0.71
	Computer Hardware <sup>(9)</sup>	%	66.7%	61.3%	75.0%	60.4%	68.9%	0.88
Equip.	Computer Software <sup>(9)</sup>	%	74.5%	72.6%	75.0%	71.3%	75.2%	0.95
	Equip. Other Than Computers <sup>(9)</sup>	%	40.7%	48.1%	66.7%	51.9%	69.0%	0.75
	Main reason for enrolling was met	%	75.0%	83.9%	41.7%	72.9%	80.5%	0.91
Overall	Program provided skills expected	%	79.2%	87.1%	58.3%	81.9%	90.2%	0.91

Note: Totals may not add to 100% due to missing data/no response.

Footnotes: 1. Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" - n = 4,151

2. Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers<1.00 are below average.

3. # of graduates who found a new or different work. Does not include those respondents who were working in the same work/employer before and after the program.

4. # found work / (# found work + # looking for work).

5. Excludes self-employed graduates.

6. % includes those respondents who found work while in their program.

7. Full-time defined as working more than 30 hours per week.

8. % who would enroll again.

9. Excluding N/A responses.

10. Questions only asked of: i) graduates who found work after program completion; and ii) unemployed graduates who had actively looked for work.

## Computer and Information Services (C/IS)

### KEY CHARACTERISTICS

Female/male ratio	0.32:1
Overall satisfaction with program	72.2%
Pre-program employed	40.3%
Post-program employed	72.2%
Went on to new or different job after completed program	64.6%
Average length of time taken to find work	7.7 weeks
Employed in training-related work	88.2%
Average salary (full-time workers)	\$31,825

### INCLUDED IN THIS PROGRAM

#### 11.0201 Computer Programming

In this survey administration period, C/IS was characterized by a 61.8% response rate, based on a valid sample of 233 graduates. The not-in-service rate for C/IS graduates was 23.1%.

### PRE-PROGRAM/POST-PROGRAM STATUS OF TRAINEES

#### All Graduates

All survey participants who had completed 75% or more of their program requirements were asked to detail what activities they had been doing prior to enrolling in a C/IS program as well as their status six months after graduation.

As highlighted in the Key Statistics table, of the 144 C/IS graduates surveyed:

- 33.3% noted that they had not been working but were seeking employment prior to enrolling in the program;
- a slightly higher proportion noted that they had been working (40.3%);
- and 26.4% of graduates had not been working nor actively looking for work.

*"I liked the program because I was learning at my own pace. The program offered enrolment every few weeks so you could start at any time."*

Program graduates were contacted six months after completion of their program to ascertain their employment status. As highlighted in the Key Statistics table:

- almost three quarters (72.2%) of C/IS graduates indicated that they were working – either at the same job with the same employer (7.6%) or at a new or different job (64.6%);
- 21.5% of graduates stated that they were unemployed and actively seeking work.

#### Excluding Graduates That Are Unavailable for Work

To develop an accurate profile of the impacts of private training, pre- and post-program employment status was also analyzed excluding those graduates who were unavailable

# 3.3

to work or not seeking work. Students in this category may be unavailable for a variety of reasons that make it difficult to seek employment (e.g. illness, taking care of family, going to school). Table 3-3A focuses on the employment status of those who were working, or unemployed and seeking work.

**Table 3-3A  
Pre- and Post-Program Employment Status – C/IS Graduates  
Excluding Graduates Not Seeking Employment**

Status	Pre-Program	Post-Program
Not working/seeking employment	51.6%	23.0%
Working (same job/same employer)	48.4%	8.1%
Found new/different job <sup>1</sup>	n/a	68.9%

n = 91 for pre-program status and n = 135 for post program status

<sup>1</sup>includes those respondents who were with the same employer, but doing a different job

## **Previously Unemployed Graduates**

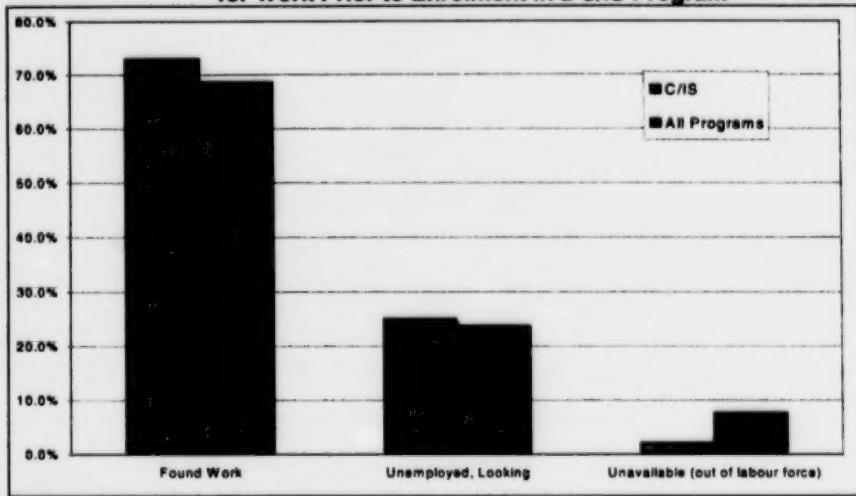
A key issue of the survey is to identify the effectiveness of the training provided in assisting previously unemployed program participants (who were seeking employment) to find work. For example, of the survey participants who graduated from a C/IS program, 48 or 33.3% indicated that they had not been working and were seeking employment prior to their enrolment in the program. Analysis of the outcomes associated with this group six months after graduation indicates that **72.9% of these previously unemployed graduates were now working** at the time of the interview and one-quarter (25.0%) were unemployed and still looking for work.

Found work rates are used to assess the effectiveness in helping previously unemployed participants find work. Found work rates exclude graduates who were unavailable and not looking for work after their program was completed (see section 1.4 for a definition of found work rates). Based on information collected for Q9 to Q12 (March 1998 to February 1999) graduates, the found work rate for previously unemployed C/IS graduates was calculated to be 74.5% (e.g., 74.5% of those respondents available to work were working at the time of the interview).

The found work rate calculation indicates that of those graduates who were pre-program unemployed (and looking for work), approximately three-quarters of graduates had found work when surveyed six months after graduating from this program.

*"The program  
had good  
resources for  
helping  
students find  
jobs  
afterwards."*

**Chart 3-3A**  
**Post-Program Status of Graduates Who Were Looking  
 for Work Prior to Enrolment in a C/IS Program**



n = 48 for C/IS and n = 1,260 for all programs

#### **TYPE OF WORK FOUND BY PTI GRADUATES WHO WERE PREVIOUSLY UNEMPLOYED**

Further analysis of the graduates who were not working prior to enrolling in an institution was carried out to determine what kinds of jobs and in what industries graduates were finding employment.

Detailed in Table 3-3B are the top five occupations and top five industries in which C/IS graduates found work. Students were asked during the survey to provide their job title, duties and type of industry that they were employed in. Responses were coded according to the National Occupational Classification (NOC) and North American Industry Classification System (NAICS) [previously known as Standard Industry Classification – SIC].

*"The instructor was really excellent and she treated everyone as an individual. I felt that she individualized the course material to suit our needs."*

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# 3.3

**Table 3-3B  
Identification of Key Occupations and Industries in Which Previously Unemployed PTI  
Graduates Found Employment - C/IS**

Top Five Occupations (% share)		Top Five Industries (% share)	
Computer Programmers	33.3%	Computer Systems Design and Related Services	27.3%
Computer systems Analysts	18.3%	Electronic and Precision Equipment Repair and Maintenance	9.1%
Retail Salespersons & Sales Clerks	4.3%	Computer and Software Stores	9.1%
Customer Service, Information and Related Clerks	4.3%	Community Food Services	4.5%
Electronic Service Technicians (Household and Business Equipment)	4.3%	Offices of All Other Health Practitioners	4.5%
<b>Total Share of Employment</b>		<b>64.5%</b>	

Analysis was also completed to establish the extent to which work found by previously unemployed graduates generally matched the training provided (e.g. proportion of previously unemployed graduates who found work in a training-related area).

For those graduates who were pre-program unemployed, 85.7% reported that they found work in a training-related area. These graduates also reported high levels of satisfaction with the type of training provided – 71.4% reported that their training was very useful or useful in getting work, and 82.9% reported that their training was very useful or useful in performing work.

Chart 3-3B highlights the percentage of graduates who report that they found work that was very related (69%) or somewhat related (17%) to the training provided. Under one-fifth (14%) of previously unemployed C/IS graduates noted that the employment they had secured was not at all related to the training provided at the PTI.

*"This program was exactly what I wanted. If I didn't take this course, I wouldn't have started my own business. It taught me the skills that I needed to perform my job, which is web page design."*

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Customer Service, Information and Related Clerks	4.3%	Community Food Services	4.5%
Electronic Service Technicians (Household and Business Equipment)	4.3%	Offices of All Other Health Practitioners	4.5%
% Share of five occupations		% Share of five industries	
64.5%		54.5%	

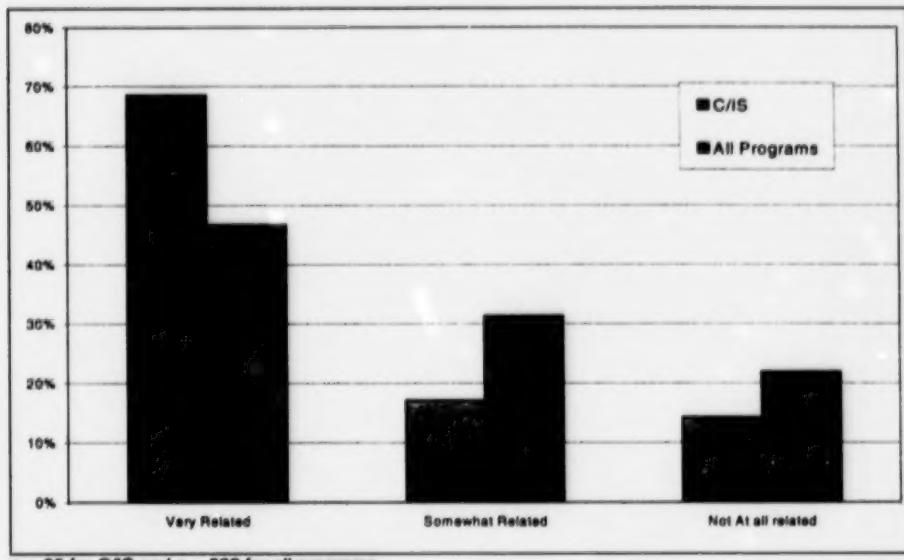
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*"This program was exactly what I wanted. If I didn't take this course, I wouldn't have started my own business. It taught me the skills that I needed to perform my job, which is web page design."*

**Chart 3-3B**  
**"Match" Between Training Provided and Work Found**  
**Graduates Who Were Unemployed and Seeking Work Prior to Enrolment in a PTI**  
**C/IS & All Program Average**



n = 35 for C/IS and n = 839 for all programs

#### AVERAGE LENGTH OF TIME TAKEN TO FIND WORK

Survey participants who were unemployed (pre-program) and who were seeking employment were asked to indicate the length of time (in weeks) they spent actively looking for their current employment. Analysis of the data indicates that:

- 48.3% of previously unemployed C/IS graduates noted that they had found work while enrolled in the program;
- 89.6% indicated that they had secured employment within two months of graduation, above the all program average of 80.6%.

*"When looking for a job in this particular field, the employers are always looking for what experience an individual has, and by taking this course I gained experience and now it is very easy for me to get a job."*

# 3.3

**Table 3-3C**

**Time Taken to Find Work – Pre-Program Unemployed (Seeking Employment)  
C/IS and All Program Average**

	C/IS	All Programs
Total number unemployed (pre-program) and seeking employment	48	1255
% who found employment	72.9%	68.6%
% who were unemployed but unavailable to work	14.3%	7.6%
of those who were employed <sup>1</sup> :	29	732
% who found employment while enrolled in the program	48.3%	29.5%
Less than 5 weeks after graduation	24.1%	40.2%
5-8 weeks after graduation	17.2%	10.9%
9-12 weeks after graduation	3.4%	6.3%
13-20 weeks after graduation	3.4%	7.9%
more than 20 weeks after graduation	3.4%	3.1%
don't know	0.0%	2.0%
Total – 2 months or less after graduation <sup>2</sup>	89.6%	80.6%

<sup>1</sup> excludes self-employed respondents and those respondents with a paid job to start at a definite date in the future.

<sup>2</sup> includes those respondents that found work while enrolled in the program.

## EARNINGS OF PTI GRADUATES

Graduates who had found employment, or were working in new or different jobs, were asked to provide an estimate of their current earnings. As many individuals noted that they worked on a part-time basis, caution should be used in the interpretation of the wage information. In order to accurately reflect annual earnings on a full-time basis, wage data is reported for two groups: part-time basis (those who work 30 hours or less per week) and full-time workers (those who work more than 30 hours per week).

Review of the information provided by C/IS graduates indicates that:

- On average, C/IS graduates who were working on a part-time basis (30 hours or less per week) reported an estimated average annual salary of \$12,937; graduates who were working on a full-time basis (more than 30 hours per week) reported an average annual salary of \$31,825.
- There was little difference in the average annual salary on the basis of respondents pre-program status: those graduates who had been working prior to starting the program earned \$30,411 per year – which was modestly lower than the \$32,833 per year earned by PTI graduates who found new or different work after completing their program.

**Table 3-3D**

**Estimated Average Annual Earnings of C/IS Graduates  
by Pre-Program and Current Employment Status**

	Unemployed and Looking for Work Prior to Program		Employed Prior to Program		Program Average <sup>1</sup>	
	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time
Number Reporting	5	30	18	75	22	82
Estimated Average Annual Salary	\$14,073	\$32,833	12,934	\$30,411	\$12,937	\$31,825

<sup>1</sup>Includes all respondents irrespective of pre-program status (employed, unemployed and unemployed not available to work)

Note: Part-time defined as 30 hours or less per week; full-time defined as more than 30 hours per week

# 3.3

## PROFILE OF UNEMPLOYED GRADUATES BY EDUCATION LEVEL AND YEARS OF WORK EXPERIENCE

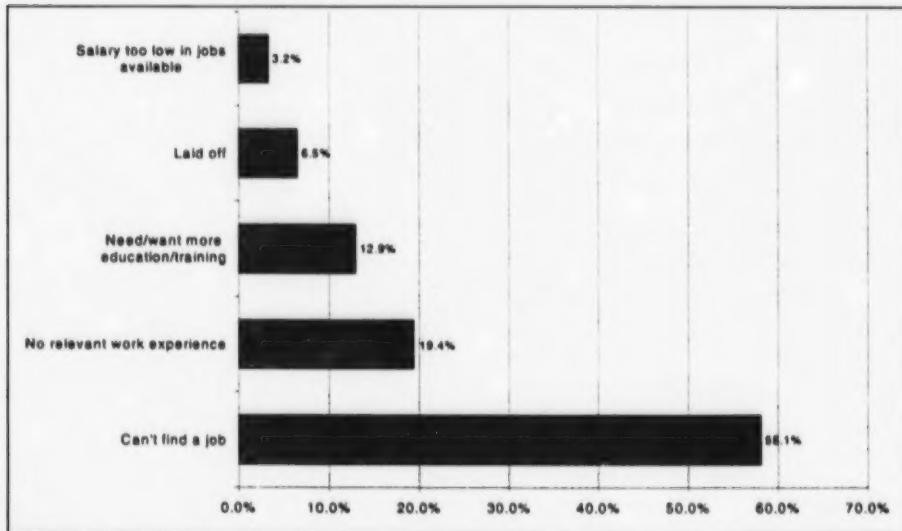
### Main Reason Why Not Working

Highlighted below in Chart 3-3C is the main reason provided by C/IS respondents why they were not working at the time of the survey, regardless of their pre-program status. As noted in the chart, the top three reasons reported by respondents were they couldn't find a job (58.1%), lack of relevant work experience (19.4%) and a need for more education or training (12.9%).

- 12 graduates classified themselves as pre- and post-program unemployed and looking for work. The top reason given for being unemployed was that they couldn't find a job (58.3%).
- 33.3% of pre- and post-program unemployed/looking for work graduates had worked at a job or business at some time since leaving their program while 66.7% indicated that they had not worked at any job or business since completion of their program.
- 100% of this same group indicated that they had looked for employment in the last four weeks and less than half (41.7%) stated that they had searched for work in their field of study.

*"Being able to take this study at night was convenient for me. The six hours a week was appropriate for someone working full-time."*

**Chart 3-3C**  
**Post-Program - Not Working/Looking for Work**  
**Main Reason Why Respondent Not Currently Employed**



n = 31

# 3.3

## Educational Profile

The Key Statistics table provides a general educational profile of all C/IS graduates by employment status. Analysis of the data suggests:

- Many pre- and post-program unemployed/looking for work graduates had completed a wide range of post-secondary education prior to enrolling in their program, from a college diploma (16.7%) to a Bachelor's degree (16.7%) or post-graduate degree (16.7%). It is interesting to note that the proportion of employed graduates with a post-graduate degree is slightly over half that of the unemployed graduates.
- 58.3% of unemployed graduates who had completed high school, and 66.7% of respondents who had completed other post-secondary education, obtained some of their training outside of Canada.
- None of the 12 graduates who were not employed at the time of the interview have taken further training since the completion of their program

## Level of Paid/Unpaid Work Experience

The following analysis is based on 12 responses provided by pre- and post-program unemployed/looking for work graduates.

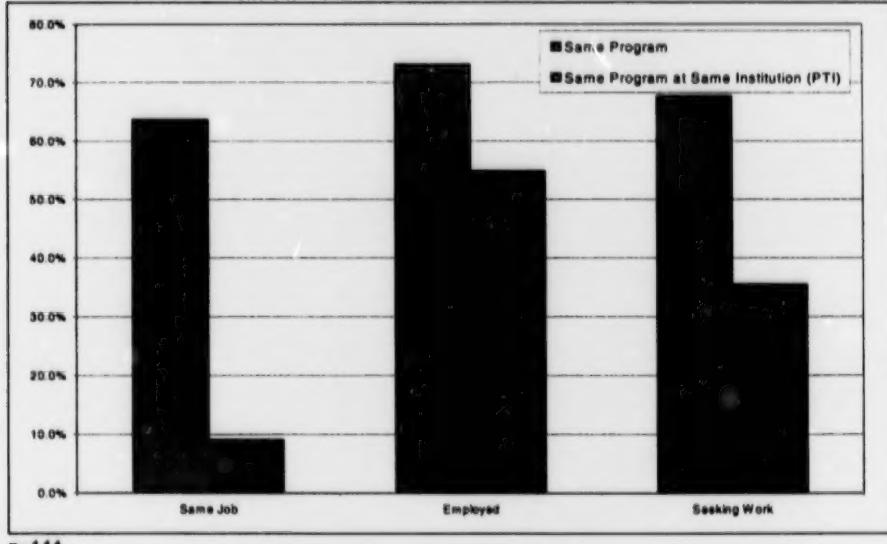
- 66.7% of unemployed respondents had paid related work experience prior to taking their program. Half (50.0%) of respondents had three or more years of paid work experience in Canada and 37.5% of respondents had three or more years of work experience outside of Canada.
- Respondents were asked to indicate whether they had any unpaid or volunteer work related to the type of job they were seeking: 25.0% of respondents indicated that they had done some unpaid or volunteer work.

## OVERALL SATISFACTION WITH THE EDUCATION AND TRAINING PROVIDED

To evaluate the quality of programs currently offered by private training institutions and the institutions themselves, respondents were asked, given their experience since completing the program, whether they would choose to study the same program again. Similarly, respondents were asked, given their experience, whether they would choose to study the same program and at the same institution again. Analysis of the data indicates that:

- Overall, 72.2% of C/IS graduates indicated that, given their experience since graduation, they would again enroll in a C/IS program. However, those graduates who were employed at the time of the interview were more positive about the program (73.1%) than were those individuals who had not found work after completion of the program (67.7% satisfaction rating).
- 47.9% of C/IS graduates noted that they would enroll in the same program at the same institution.

**Chart 3-3D**  
**Proportion of Graduates Who Indicated That They Would Enroll in Same Program and Same Program/Same Institution by Current Employment Status C/IS Graduates**



Most respondents provided open-ended comments as to why they would or would not take their respective programs again. These comments were subsequently coded into twenty-two categories of positive or negative reasons. Table 3-3E provides the top five positive and top negative reasons why students would or would not attend the same program again.

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## 3.3

Nearly 72.2% of C/IS graduates said that they would attend their program again. Positive comments provided by the graduates included that the program provided the knowledge and skills expected by the respondents (18.4%), the program was an enjoyable experience (10.7%), and that the program was necessary to secure employment (7.8%).

Of the top five reasons why students would not enroll in the program again, the most likely reasons were the program was too general (8.3%), the program was too difficult or not enough time was allocated (6.8%) or students were unhappy with the administration (5.8%).

**Table 3-3E**  
**Why Respondents Would or Would Not Choose Program Again - C/IS**

Respondents Who Would Choose Same Program Again	
•provides knowledge/skills/training expected	18.4%
•enjoyed field of study/experience	10.7%
•found employment/necessary for employment	7.8%
•teachers were great/positive atmosphere/material well taught	7.3%
•personal interest/learned new things	6.3%
•other positive reasons	12.6%
Respondents Who Would Not Choose Same Program Again	
•program too general/not adequately prepared for job	8.3%
•too difficult/not enough time	6.8%
•unhappy with administration or instruction	5.8%
•learned nothing new/did not meet expectations	5.3%
•program needs practicum	4.9%
•other negative reasons	12.1%
<b>Total negative reasons</b>	<b>45.8%</b>
<b>Total</b>	<b>100.0%</b>

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**Table 3-3E**  
**Why Respondents Would or Would Not Choose Program Again - C/IS**

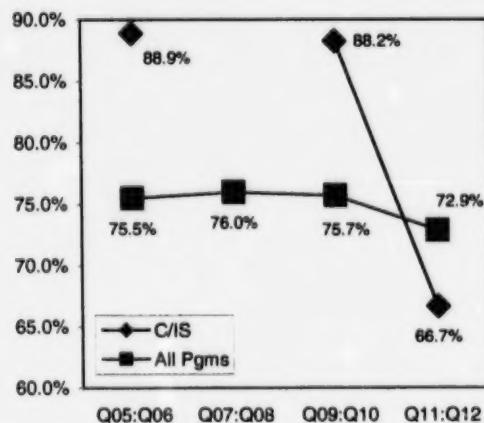
Respondents Who Would Choose Same Program Again	
•provides knowledge/skills/training expected	18.4%
•enjoyed field of study/experience	10.7%
•found employment necessary for employment	7.8%
•teachers were great/positive atmosphere/material well taught	7.3%
•personal interest/learned new things	6.3%
•other positive reasons	12.6%
<b>Total positive reasons</b>	<b>57.6%</b>
Respondents Who Would Not Choose Same Program Again	
•program too general/not adequately prepared for job	8.3%
•too difficult/not enough time	6.8%
•unhappy with administration or instruction	5.8%
•learned nothing new/did not meet expectations	5.3%
•program needs practicum	4.9%
•other negative reasons	12.1%
<b>Total negative reasons</b>	<b>43.2%</b>
<b>Total</b>	<b>100.0%</b>

## LONGITUDINAL ANALYSIS

Highlighted below are the changes in the key variables for C/IS programs. For comparative purposes, the average across all program areas has also been included. The period analyzed includes graduates for the survey reporting period of September 1997 (Q5) to August 1999 (Q12). There were only a limited number of C/IS graduates in Q7:Q8. Data has not been reported in those instances in which there were 10 or fewer respondents.

### 1. Found Work Rates (previously unemployed graduates)

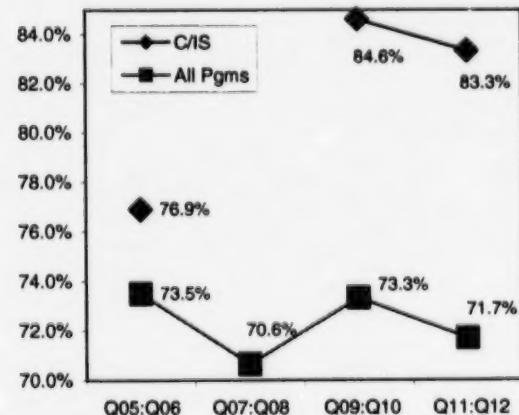
- the found work rate for previously unemployed graduates enrolled in C/IS programs has decreased from 88.2% for Q9:Q10 graduates to 66.7% for Q11:Q12 graduates.
- The C/IS found work rate fell dramatically, dropping below the all program average in Q11:Q12.



### 2. Usefulness of Training in Getting Employment

Previously unemployed graduates<sup>1</sup> were asked to rate the usefulness of their training in securing work.

- across all programs in each quarter, approximately seven in ten respondents reported that their training was useful or very useful.
- usefulness ratings provided by C/IS graduates decreased slightly from 84.6% in Q9:Q10 to 83.3% in Q11:Q12.



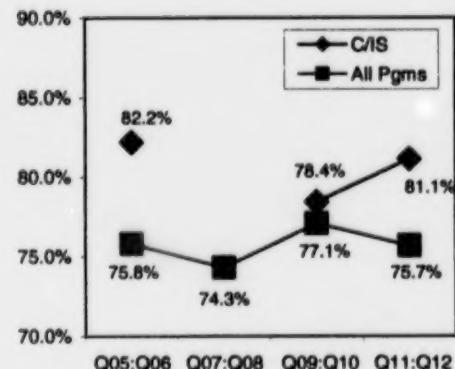
<sup>1</sup>this question was also asked of graduates who were still working for the same employer, performing the same job, but had obtained a second job after completing the program.

# 3.3

## 3. Usefulness of Training in Performing Work Activity

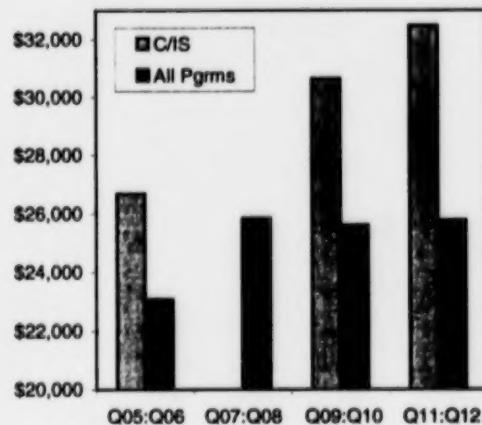
All employed graduates were asked to indicate the extent to which their training helped them perform their current work.

- satisfaction of C/IS graduates has improved since Q9:Q10, and is above the all program average for the comparable period.



## 4. Average Salary (all graduates working full-time)

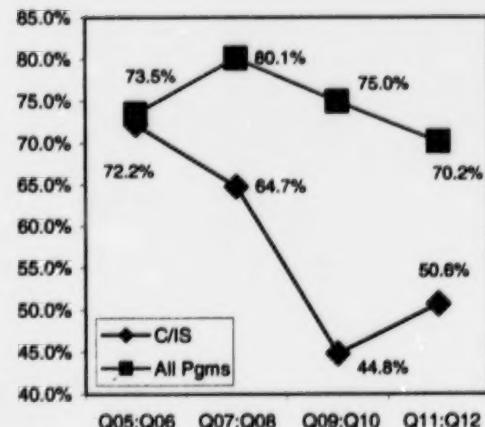
- recent C/IS graduates (Q11:Q12) reported average salaries of \$32,475, which represents an increase as compared to Q9:Q10 salaries (\$30,642) and Q5:Q6 salaries (\$26,677).



## 5. Overall Satisfaction With Program and Institution (all graduates)

Respondents were asked, given their experience, whether they would have enrolled in the same program at the same institution again.

- this rating decreased from 72.2% for all C/IS graduates in Q5:Q6, to 44.8% of respondents who graduated in Q9:Q10. The downtrend reversed with an increase in satisfaction (50.6%) reported by graduates in Q11:Q12.



### **3.4 PERSONAL AND MISCELLANEOUS SERVICES (P/MS)**



## 3.4 Personal & Miscellaneous Services

### KEY STATISTICS

	Characteristics	PMS			All Programs	
		Pre-Program Unemployed	Post- Program Employed	Pre & Post Program Unemployed	PMS	All PROGRAMS
		n= 98	n= 248	n= 25	n= 421	n= 4,151
Demographics	Female	%	57.1%	78.6%	60.0%	79.8%
	Male	%	42.9%	21.4%	40.0%	20.2%
	Aboriginal	%	9.2%	6.9%	20.0%	8.1%
	Visible Minority	%	19.4%	18.1%	24.0%	20.2%
	Long-term Health Condition	%	9.2%	5.6%	16.0%	7.8%
	Age: 30 years and less	%	45.9%	60.9%	48.0%	61.5%
	31-45 years	%	41.8%	32.3%	32.0%	30.6%
	46+ years	%	12.2%	6.9%	20.0%	7.8%
Region	Vancouver Island	%	32.7%	22.2%	16.0%	19.7%
	Lower Mainland	%	52.0%	49.6%	56.0%	49.6%
	Thompson-Okanagan	%	9.2%	15.7%	18.0%	15.9%
	Kootenay	%	1.0%	4.0%	n/a	4.3%
	Cariboo	%	2.0%	3.6%	n/a	3.3%
	North Coast	%	n/a	0.4%	n/a	0.2%
	Nechako	%	n/a	n/a	n/a	0.2%
	Northeast	%	n/a	0.8%	n/a	0.5%
Highest Level of Education	Outside B.C./Canada	%	3.1%	3.2%	12.0%	5.9%
	Less than Grade 12	%	23.5%	19.0%	20.0%	18.1%
	High School Graduate	%	29.6%	34.7%	48.0%	33.5%
	Registered Apprentice	%	13.3%	12.9%	8.0%	15.9%
	College Diploma	%	16.3%	16.5%	8.0%	16.6%
	University-Non Degree	%	1.0%	0.8%	n/a	1.2%
	Bachelor's Degree	%	6.1%	6.5%	4.0%	5.2%
	Post Graduate Degree	%	1.0%	n/a	n/a	0.2%
English Abilities	Other/did not complete program	%	8.2%	9.7%	8.0%	9.0%
	Reading English - Very Good	%	79.6%	77.8%	68.0%	78.5%
	Written English - Very Good	%	76.5%	77.0%	68.0%	75.1%
	Spoken English - Very Good	%	86.7%	83.9%	80.0%	83.4%
	Paid Related Work Experience <sup>(10)</sup>	%	43.9%	35.5%	42.1%	35.4%
	Unpaid Related Work Experience <sup>(10)</sup>	%	30.4%	26.2%	50.0%	31.4%

Note: Totals may not add to 100% due to missing data/no response.

### Footnotes:

- Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs": n = 4,151
- Index = Individual Program value / All Program value. The average>1.00, numbers >1.00 are above average and numbers<1.00 are below average.
- # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.
- # found work / (# found work + # looking for work).
- Excludes self-employed graduates.
- % includes those respondents who found work while in their program.
- Full-time defined as working more than 30 hours per week.
- % who would enroll again.
- Excluding N/A responses.
- Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

# 3.4

## 3.4 Personal & Miscellaneous Services

### KEY STATISTICS

	Characteristics	PMS			All Programs			
		Pre-Program Unemployed	Post-Program Employed	Pre- & Post- Program Unemployed	n= 421	n= 4181		
Off Work	Not working/seeking employment	%	n/a	27.8%	n/a	23.3%	30.2%	0.77
Off Work	Working	%	n/a	38.7%	n/a	46.8%	40.7%	1.15
Off Work	Not working/unavailable to work	%	n/a	33.5%	n/a	29.9%	28.9%	1.04
Off Work	Found new/different work	%	70.4%	100.0%	n/a	60.6%	60.1%	1.01
Off Work	Same work/same employer	%	n/a	n/a	n/a	16.2%	13.2%	1.22
Off Work	Not working/seeking employment	%	25.5%	n/a	n/a	13.5%	15.9%	0.85
Off Work	Not working/unavailable to work	%	4.1%	n/a	n/a	9.7%	10.6%	0.91
Off Work	Found Work Calculation <sup>(1)</sup>	%	73.4%	n/a	n/a	81.7%	79.0%	1.03
Off Work	Employed in training-related work	%	78.8%	78.6%	n/a	78.8%	74.3%	1.06
Off Work	Usefulness of training in getting work <sup>(2)</sup>	%	81.6%	81.6%	n/a	81.6%	72.1%	1.13
Off Work	Usefulness of training in performing work	%	82.6%	80.2%	n/a	80.2%	78.1%	1.06
Off Work	Found work while in program <sup>(3)</sup>	%	23.1%	31.0%	n/a	28.2%	24.1%	1.17
Off Work	Found work within 8 weeks of grad <sup>(4), (5)</sup>	%	78.9%	86.3%	n/a	86.3%	79.0%	1.09
Off Work	Avg. Salary of Full-Time workers <sup>(7)</sup>	\$/yr	\$16,953	\$16,540	n/a	\$18,352	\$26,454	0.89
Off Work	Avg. Salary of Part-Time workers <sup>(7)</sup>	\$/yr	\$10,262	\$10,245	n/a	\$11,110	\$13,381	0.83
Overall Satisfaction	Overall satisfaction with program <sup>(6)</sup>	%	81.6%	85.5%	84.0%	83.6%	78.0%	1.07
Overall Satisfaction	Overall satisfaction with program and institute <sup>(6)</sup>	%	90.8%	82.3%	84.0%	80.5%	71.8%	1.12
Overall Satisfaction	Program Content	%	89.8%	82.7%	92.0%	82.2%	75.7%	1.09
Overall Satisfaction	Instruction	%	88.7%	81.5%	88.0%	81.5%	78.5%	1.08
Overall Satisfaction	Learning Materials	%	82.7%	77.8%	92.0%	77.0%	70.9%	1.09
Overall Satisfaction	Computer Hardware <sup>(8)</sup>	%	90.0%	86.3%	84.6%	84.2%	66.9%	1.22
Overall Satisfaction	Computer Software <sup>(8)</sup>	%	85.0%	86.0%	76.9%	83.3%	75.2%	1.11
Overall Satisfaction	Equip. Other Than Computers <sup>(8)</sup>	%	76.0%	70.8%	81.8%	73.8%	69.0%	1.07
Goals	Main reason for enrolling was met	%	83.7%	89.1%	68.0%	83.8%	80.5%	1.04
Goals	Program provided skills expected	%	94.9%	92.7%	92.0%	92.9%	90.2%	1.03

Note: Totals may not add to 100% due to missing data/no response.

- Footnotes:
- Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" n = 4,181
  - Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers<1.00 are below average.
  - # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.
  - # found work / (# found work + # looking for work).
  - Excludes self-employed graduates.
  - % includes those respondents who found work while in their program.
  - Full-time defined as working more than 30 hours per week.
  - % who would enroll again.
  - Excluding N/A responses.
  - Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

### 3.4 Personal & Miscellaneous Services

#### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n>8. Statistics are not detailed separately for CIP areas with small sample sizes.

	Characteristics	PMS			All Programs		
		n=194	n=49	n=28	n=421	n=4151	
Demographics	Female	%	69.2%	100.0%	96.4%	79.8%	64.1%
	Male	%	10.8%	n/a	3.6%	20.2%	35.9%
	Aboriginal	%	6.7%	6.1%	14.3%	8.1%	5.3%
	Visible Minority	%	10.8%	40.8%	28.6%	20.2%	18.5%
	Long-term Health Condition	%	7.7%	6.1%	3.6%	7.6%	9.0%
	Age: 30 years and less	%	70.6%	69.4%	92.9%	61.5%	43.0%
	31-45 years	%	24.2%	24.5%	7.1%	30.6%	40.2%
	46+ years	%	5.2%	6.1%	n/a	7.8%	16.3%
Region	Vancouver Island	%	10.3%	6.1%	n/a	19.7%	20.7%
	Lower Mainland	%	36.1%	67.3%	85.7%	49.6%	63.8%
	Thompson-Okanagan	%	26.8%	20.4%	n/a	15.9%	9.8%
	Kootenay	%	8.2%	2.0%	n/a	4.3%	1.0%
	Cariboo	%	7.2%	n/a	n/a	3.3%	1.8%
	North Coast	%	0.5%	n/a	n/a	0.2%	0.2%
	Nechako	%	0.5%	n/a	n/a	0.2%	0.2%
Highest Level of Education	Northeast	%	0.5%	2.0%	n/a	0.5%	0.2%
	Outside B.C./Canada	%	9.3%	2.0%	14.3%	5.9%	2.2%
	Less than Grade 12	%	17.0%	18.4%	17.9%	18.1%	11.1%
	High School Graduate	%	36.1%	32.7%	35.7%	33.5%	27.1%
	Registered Apprentice	%	19.6%	12.2%	21.4%	15.9%	15.1%
	College Diploma	%	14.4%	18.4%	14.3%	16.6%	20.9%
	University-Non Degree	%	n/a	n/a	3.6%	1.2%	2.4%
English Abilities	Bachelor's Degree	%	4.1%	6.1%	n/a	5.2%	8.6%
	Post Graduate Degree	%	n/a	n/a	n/a	0.2%	4.0%
	Other/did not complete program	%	8.2%	12.2%	7.1%	9.0%	10.4%
	Reading English - Very Good	%	73.7%	65.3%	82.9%	76.5%	78.8%
	Written English - Very Good	%	75.8%	59.2%	92.9%	75.1%	75.7%
	Spoken English - Very Good	%	87.1%	65.3%	92.9%	83.4%	85.1%
	Total	%	23.3%	24.0%	33.3%	35.4%	46.9%
Prior Work	Paid Related Work Experience <sup>(10)</sup>	%	23.3%	24.0%	33.3%	35.4%	46.9%
	Unpaid Related Work Experience <sup>(10)</sup>	%	27.1%	24.0%	44.4%	31.4%	26.6%

Note: Totals may not add to 100% due to missing data/no response.

#### Footnotes:

1. Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" = n = 4,151
2. Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers<1.00 are below average.
3. # of graduates who found a new or different work. Does not include those respondents who were working in the same work/employer before and after the program.
4. # found work / (# found work + # looking for work).
5. Excludes self-employed graduates.
6. % includes those respondents who found work while in their program.
7. Full-time defined as working more than 30 hours per week.
8. % who would enroll again.
9. Excluding N/A responses.
10. Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

# 3.4

## 3.4 Personal & Miscellaneous Services

### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n>8. Statistics are not detailed separately for CIP areas with small sample sizes.

	Program Area	PTS			DMS		All Programs	
		n=194	n=49	n=28	n=421	n=4181		
1	Not working/seeking employment	%	10.3%	2.0%	10.7%	23.3%	30.2%	0.77
2	Working	%	61.9%	53.1%	75.0%	46.6%	40.7%	1.15
3	Not working/unavailable to work	%	27.8%	44.9%	14.3%	29.9%	28.9%	1.04
4	Found new/different work	%	57.7%	57.1%	42.9%	60.6%	60.1%	1.01
5	Same work/same employer	%	24.2%	12.2%	39.3%	16.2%	13.2%	1.22
6	Not working/seeking employment	%	8.2%	18.4%	10.7%	13.5%	15.9%	0.86
7	Not working/unavailable to work	%	9.8%	12.2%	7.1%	9.7%	10.6%	0.91
8	Found Work Calculation <sup>(1)</sup>	%	87.5%	75.7%	80.0%	81.7%	79.0%	1.03
9	Employed in training-related work	%	80.2%	75.0%	75.0%	78.6%	74.3%	1.08
10	Usefulness of training in getting work <sup>(2)</sup>	%	84.3%	72.2%	60.0%	81.6%	72.1%	1.13
11	Usefulness of training in performing work	%	82.1%	78.6%	58.3%	80.2%	76.1%	1.06
12	Found work while in program <sup>(3)</sup>	%	20.8%	21.4%	41.7%	28.2%	24.1%	1.17
13	Found work within 8 weeks of grad <sup>(4)</sup>	%	4.3%	5.9%	n/a	86.3%	79.0%	1.09
14	Avg. Salary of Full-Time workers <sup>(5)</sup>	\$/yr	\$18,182	\$17,757	\$20,675	\$18,352	\$26,454	0.69
15	Avg. Salary of Part-Time workers <sup>(6)</sup>	\$/yr	\$10,343	\$13,426	\$19,621	\$11,110	\$13,381	0.83
16	Overall satisfaction with program <sup>(7)</sup>	%	85.1%	81.6%	78.6%	83.6%	78.0%	1.07
17	Overall satisfaction with program and institute <sup>(8)</sup>	%	78.9%	67.3%	60.3%	80.6%	71.8%	1.12
18	Program Content	%	83.5%	67.3%	82.1%	82.2%	75.7%	1.09
19	Instruction	%	78.9%	71.4%	80.3%	81.5%	75.5%	1.08
20	Learning Materials	%	77.3%	67.3%	64.3%	77.0%	70.9%	1.09
21	Computer Hardware <sup>(9)</sup>	%	78.0%	80.0%	n/a	84.2%	68.9%	1.22
22	Computer Software <sup>(10)</sup>	%	82.1%	80.0%	n/a	83.3%	75.2%	1.11
23	Equip. Other Than Computers <sup>(11)</sup>	%	77.8%	64.6%	37.5%	73.8%	69.0%	1.07
24	Main reason for enrolling was met	%	85.6%	87.8%	78.6%	83.8%	80.5%	1.04
25	Program provided skills expected	%	92.3%	93.9%	92.9%	92.9%	90.2%	1.03

Note: Totals may not add to 100% due to missing data/no response.

#### Footnotes:

1. Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs": n = 4,181
2. Index = Individual Program value / All Program value. The average > 1.00, numbers > 1.00 are above average and numbers < 1.00 are below average.
3. % of graduates who found a new or different work. Does not include those respondents who were working in the same work/employer before and after the program.
4. # found work / (# found work + # looking for work).
5. Excludes self-employed graduates.
6. % includes those respondents who found work while in their program.
7. Full-time defined as working more than 30 hours per week.
8. % who would enroll again.
9. Excluding N/A responses.
10. Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

### 3.4 Personal & Miscellaneous Services

#### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n<8. Statistics are not detailed separately for CIP areas with small sample sizes.

	Characteristic	Program Area					
		PMS	PTA	PTB	PTC	All Programs	Other
	n= 62	n= 78	n= 116	n= 421	n= 4151		
Demographic							
Female	%	48.8%	61.5%	n/a	79.8%	64.1%	1.25
Male	%	53.2%	38.5%	n/a	20.2%	35.9%	0.56
Aboriginal	%	6.5%	12.8%	n/a	8.1%	5.3%	1.52
Visible Minority	%	40.3%	11.5%	n/a	20.2%	18.5%	1.08
Long-term Health Condition	%	6.5%	11.5%	n/a	7.8%	9.0%	0.84
Age: 30 years and less	%	35.5%	48.2%	n/a	61.5%	43.0%	1.43
31-45 years	%	45.2%	47.4%	n/a	30.8%	40.2%	0.76
46+ years	%	19.4%	6.4%	n/a	7.8%	16.3%	0.48
Region							
Vancouver Island	%	1.6%	75.6%	n/a	19.7%	20.7%	0.95
Lower Mainland	%	96.8%	20.5%	n/a	49.6%	63.8%	0.78
Thompson-Okanagan	%	n/a	1.3%	n/a	15.9%	9.8%	1.62
Kootenay	%	n/a	1.3%	n/a	4.3%	1.0%	4.23
Cariboo	%	n/a	n/a	n/a	3.3%	1.8%	1.92
North Coast	%	n/a	n/a	n/a	0.2%	0.2%	0.99
Nechako	%	n/a	n/a	n/a	0.2%	0.2%	1.10
Northeast	%	n/a	n/a	n/a	0.5%	0.2%	2.82
Outside B.C./Canada	%	1.6%	1.3%	n/a	5.9%	2.2%	2.71
Higher Level of Education							
Less than Grade 12	%	17.7%	23.1%	n/a	18.1%	11.1%	1.63
High School Graduate	%	38.7%	24.4%	n/a	33.5%	27.1%	1.24
Registered Apprentice	%	8.1%	12.6%	n/a	15.9%	15.1%	1.05
College Diploma	%	11.5%	21.8%	n/a	16.8%	20.9%	0.79
University-Non Degree	%	3.2%	1.3%	n/a	1.2%	2.4%	0.49
Bachelor's Degree	%	11.3%	5.1%	n/a	5.2%	8.8%	0.60
Post Graduate Degree	%	1.6%	n/a	n/a	0.2%	4.0%	0.06
Other/did not complete program	%	8.1%	11.5%	n/a	9.0%	10.4%	0.87
English Ability							
Reading English - Very Good	%	71.0%	87.2%	n/a	76.5%	78.8%	0.97
Written English - Very Good	%	69.4%	79.5%	n/a	75.1%	75.7%	0.99
Spoken English - Very Good	%	69.4%	94.9%	n/a	83.4%	88.1%	0.98
Prev Work							
Paid Related Work Experience <sup>(10)</sup>	%	50.0%	54.8%	n/a	35.4%	46.9%	0.75
Unpaid Related Work Experience <sup>(10)</sup>	%	40.0%	33.3%	n/a	31.4%	26.6%	1.18

Note: Totals may not add to 100% due to missing data/no response.

- Footnotes:
1. Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" = n = 4,151
  2. Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers<1.00 are below average.
  3. # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.
  4. # found work / (# found work + # looking for work).
  5. Excludes self-employed graduates.
  6. % includes those respondents who found work while in their program.
  7. Full-time defined as working more than 30 hours per week.
  8. % who would enroll again.
  9. Excluding N/A responses.
  10. Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

# 3.4

## 3.4 Personal & Miscellaneous Services

### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n>9. Statistics are not detailed separately for CIP areas with small sample sizes.

	Characteristics	PMS	FMS	All Programs			
Of Resp	n= 82	n= 78	n/a	n= 421	n= 4151		
	Not working/seeking employment %	50.0%	55.1%	n/a	23.3%	30.2%	0.77
	Working %	29.0%	7.7%	n/a	46.8%	40.7%	1.15
Of Resp	Not working/unavailable to work %	21.0%	37.2%	n/a	29.9%	28.9%	1.04
	Found new/different work %	72.6%	67.9%	n/a	60.6%	60.1%	1.01
	Same work/same employer %	4.8%	n/a	n/a	16.2%	13.2%	1.22
	Not working/seeking employment %	21.0%	17.9%	n/a	13.5%	15.9%	0.85
	Not working/unavailable to work %	1.6%	14.1%	n/a	9.7%	10.6%	0.91
	Found Work Calculation <sup>(4)</sup> %	77.6%	79.1%	n/a	81.7%	79.0%	1.03
	Employed in training-related work %	79.5%	81.1%	n/a	78.6%	74.3%	1.06
	Usefulness of training in getting work <sup>(5)</sup> %	90.8%	80.8%	n/a	81.6%	72.1%	1.13
	Usefulness of training in performing work %	81.8%	84.9%	n/a	80.2%	76.1%	1.06
	Found work while in program <sup>(6)</sup> %	36.4%	37.7%	n/a	28.2%	24.1%	1.17
Of Employed	Found work within 8 weeks of grad <sup>(7)</sup> %	4.8%	7.7%	n/a	86.3%	79.0%	1.06
	Avg. Salary of Full-Time workers <sup>(7)</sup> \$yr	\$17,348	\$19,814	n/a	\$18,352	\$26,454	0.69
	Avg. Salary of Part-Time workers <sup>(7)</sup> \$yr	\$8,957	\$9,359	n/a	\$11,110	\$13,381	0.83
% of Respondents Satisfied	Overall satisfaction with program <sup>(8)</sup> %	83.9%	82.1%	n/a	83.6%	78.0%	1.07
	Overall satisfaction with program and institute <sup>(9)</sup> %	80.6%	88.5%	n/a	80.5%	71.8%	1.12
	Program Content %	85.5%	84.6%	n/a	82.2%	75.7%	1.09
	Instruction %	93.5%	80.8%	n/a	81.5%	75.5%	1.08
	Learning Materials %	80.6%	80.8%	n/a	77.0%	70.9%	1.09
	Computer Hardware <sup>(10)</sup> %	73.7%	90.8%	n/a	84.2%	68.9%	1.22
	Computer Software <sup>(10)</sup> %	72.2%	87.0%	n/a	83.3%	75.2%	1.11
Goals	Equip. Other Than Computers <sup>(10)</sup> %	75.4%	80.4%	n/a	73.8%	69.0%	1.07
	Main reason for enrolling was met %	79.0%	83.3%	n/a	83.8%	80.5%	1.04
	Program provided skills expected %	91.9%	93.6%	n/a	92.9%	90.2%	1.03

Note: Totals may not add to 100% due to missing data/no response.

#### Footnotes:

- Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" n = 4,151
- Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers<1.00 are below average.
- # of graduates who found a new or different work. Does not include those respondents who were working in the same work/employer before and after the program.
- # found work / (# found work + # looking for work).
- Excludes self-employed graduates.
- % includes those respondents who found work while in their program.
- Full-time defined as working more than 30 hours per week.
- % who would enroll again.
- Excluding N/A responses.
- Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

## Personal and Miscellaneous Services (P/MS)

### KEY CHARACTERISTICS

Female/male ratio	3.95:1
Overall satisfaction with program	83.6%
Pre-program employed	46.8%
Post-program employed	76.8%
Went on to new or different job after completed program	60.6%
Average length of time taken to find work	4.3 weeks
Employed in training-related work	78.6%
Average salary (full-time workers)	\$18,352

### INCLUDED IN THIS PROGRAM

- 12.0204 Umpires & Other Sports Officials
- 12.0402 Barber/Hairstylist
- 12.0403 Cosmetologist
- 12.0404 Electrolysis Technician
- 12.0406 Make-Up Artist
- 12.0503 Culinary Arts/Chef Training
- 12.0507 Waiter/Waitress & Dining Room Manager



In this survey administration period, P/MS was characterized by a 57.4% response rate, based on a valid sample of 734 graduates. The not-in-service rate for P/MS graduates was 31.3%.

### PRE-PROGRAM/POST-PROGRAM STATUS OF TRAINEES

#### All Graduates

All survey participants who had completed 75% or more of their program requirements were asked to detail what activities they had been doing prior to enrolling in a P/MS program as well as their status six months after graduation.

As highlighted in the Key Statistics table, of the 421 P/MS graduates surveyed:

- 23.3% noted that they had not been working but were seeking employment prior to enrolling in the program;
- over double noted that they had been working (46.8%);
- and 29.9% of graduates had not been working nor actively looking for work.

Program graduates were contacted six months after completion of their program to ascertain their employment status. As highlighted in the Key Statistics table:

- over seven of ten (76.8%) P/MS graduates indicated that they were working – either at the same job with the same employer (16.2%) or at a new or different job (60.6%);
- 13.5% of graduates stated that they were unemployed and actively seeking work.

# 3.4

## **Excluding Graduates That Are Unavailable for Work**

To develop an accurate profile of the impacts of private training, pre- and post-program employment status was also analyzed excluding those graduates who were unavailable to work or not seeking work. Students in this category may be unavailable for a variety of reasons that make it difficult to seek employment (e.g. illness, taking care of family, going to school). Table 3-xA focuses on the employment status of those who were working, or unemployed and seeking work.

**Table 3-4A**  
**Pre- and Post-Program Employment Status - P/MS Graduates**  
**Excluding Graduates Not Seeking Employment**

Status	Pre-Program	Post-Program
Not working/seeking employment	46.1%	15.3%
Working (same job/same employer)	53.9%	82.2%
Found new/different job <sup>1</sup>	n/a	66.5%

n = 204 for pre-program status and n = 373 for post program status

<sup>1</sup>includes those respondents who were with the same employer, but doing a different job

*"I just loved the program. I enjoy what I am doing, am making a decent wage, and I'm helping people. It taught me the skills I needed to do this. I enjoyed the whole thing and it was a good career choice for me."*

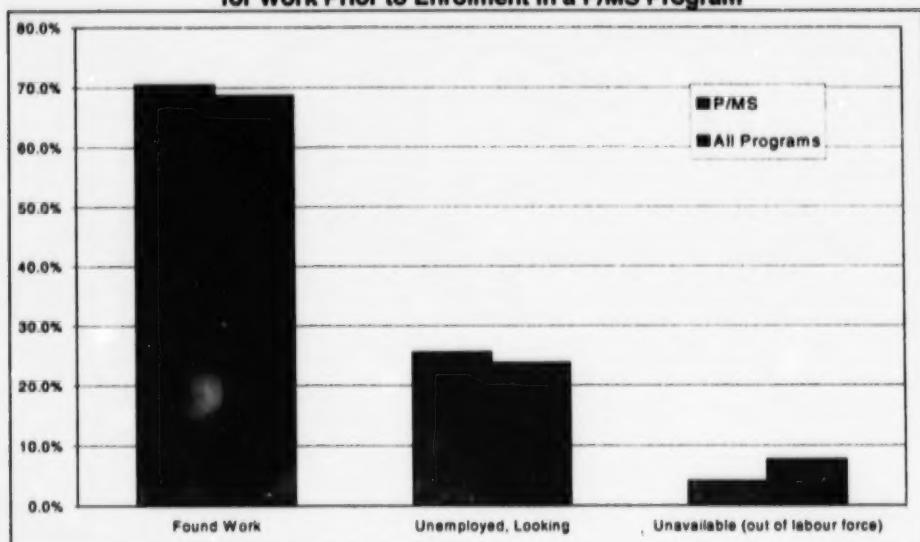
### **Previously Unemployed Graduates**

A key issue of the survey is to identify the effectiveness of the training provided in assisting previously unemployed program participants (who were seeking employment) to find work. For example, of the survey participants who graduated from a P/MS program, 98 or 23.3% indicated that they had not been working and were seeking employment prior to their enrolment in the program. Analysis of the outcomes associated with this group six months after graduation indicates that **70.4% of these previously unemployed graduates were now working** at the time of the interview and just over one-quarter (25.5%) were unemployed and still looking for work.

Found work rates are used to assess the effectiveness in helping previously unemployed participants find work. Found work rates exclude graduates who were unavailable and not looking for work after their program was completed (see section 1.4 for a definition of found work rates). Based on information collected for Q9 to Q12 (March 1998 to February 1999) graduates, the found work rate for previously unemployed P/MS graduates was calculated to be 73.4% (e.g., 73.4% of those respondents available to work were working at the time of the interview).

The found work rate calculation indicates that of those graduates who were pre-program unemployed (and looking for work), approximately three-quarters of graduates had found work when surveyed six months after graduating from this program.

**Chart 3-4A**  
**Post-Program Status of Graduates Who Were Looking**  
**for Work Prior to Enrolment in a P/MS Program**



n = 98 for P/MS programs and n = 1,260 for all programs

#### TYPE OF WORK FOUND BY PTI GRADUATES WHO WERE PREVIOUSLY UNEMPLOYED

Further analysis of the graduates who were not working prior to enrolling in an institution was carried out to determine what kinds of jobs and in what industries graduates were finding employment.

Detailed in Table 3-4B are the top five occupations and top five industries in which P/MS graduates found work. Students were asked during the survey to provide their job title, duties and type of industry that they were employed in. Responses were coded according to the National Occupational Classification (NOC) and North American Industry Classification System (NAICS) [previously known as Standard Industry Classification – SIC].

*"The program gave me a lot of 'hands-on' experience."*

## **IMPORTANT NOTE CONCERNING THE FOLLOWING PAGES**

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**Table 3-4B**
**Identification of Key Occupations and Industries In Which Previously Unemployed PTI  
Graduates Found Employment - P/MS**

Top Five Occupations (% share)		Top Five Industries (% share)	
Hairstylists and Barbers	40.9%	Hair Care and Esthetic Services	42.7%
Estheticians, Electrologists and Related Occupations	9.4%	Full-Service Restaurants	14.6%
Cooks	8.4%	Limited-Service Eating Places	4.9%
Food and Beverage Servers	7.0%	Hotels (except Casino Hotels) and Motels	3.7%
Retail Salespersons and Sales Clerks	4.2%	Supermarkets and Other Grocery (except Convenience) Stores	2.4%
% Share of five occupations		% Share of five industries	
69.9%		68.3%	

Analysis was also completed to establish the extent to which work found by previously unemployed graduates generally matched the training provided (e.g. proportion of previously unemployed graduates who found work in a training-related area).

For those graduates who were pre-program unemployed, 76.8% reported that they found work in a training-related area. These graduates also reported high levels of satisfaction with the type of training provided – 81.6% reported that their training was very useful or useful in getting work, and 82.6% reported that their training was very useful or useful in performing work.

Chart 3-4B highlights the percentage of graduates who report that they found work that was very related (42%) or somewhat related (38%) to the training provided. One-fifth (20%) of previously unemployed P/MS graduates noted that the employment they had secured was not at all related to the training provided at the PTI.

# 3.4

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Identification of Key Occupations and Industries In Which Previously Unemployed PTI  
Graduates Found Employment - P/MS**

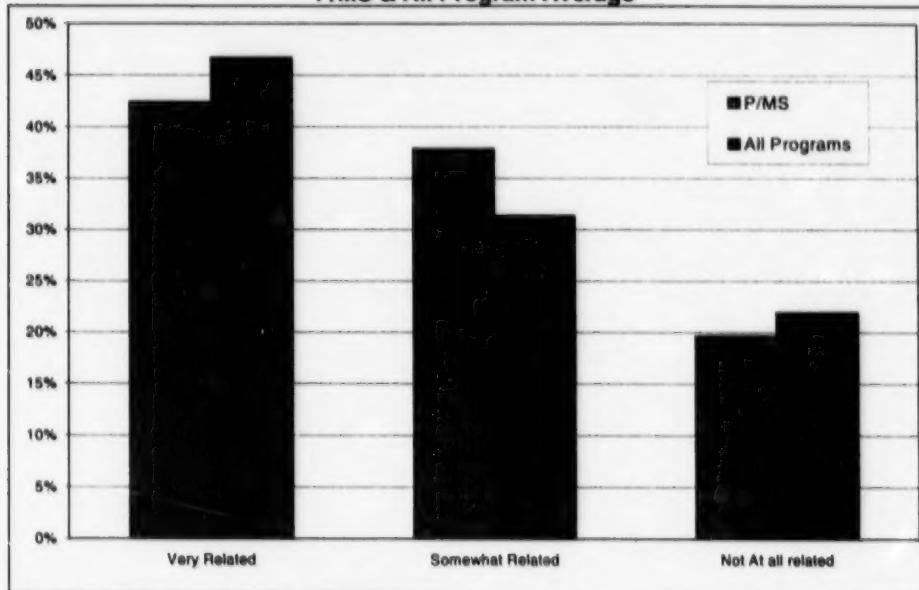
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**Chart 3-4B**  
**"Match" Between Training Provided and Work Found**  
**Graduates Who Were Unemployed and Seeking Work Prior to Enrolment in a PTI P/MS & All Program Average**



n = 66 for P/MS and n = 839 for all programs

### AVERAGE LENGTH OF TIME TAKEN TO FIND WORK

Survey participants who were unemployed (pre-program) and who were seeking employment were asked to indicate the length of time (in weeks) they spent actively looking for their current employment. Analysis of the data indicates that:

- 35.6% of previously unemployed P/MS graduates noted that they had found work while enrolled in the program;
- 86.5% indicated that they had secured employment within two months of graduation, above the all program average of 80.6%.

*"Taking this program increased my confidence in my ability to do my job. It has made me more professionally recognized as well."*

# 3.4

**Table 3-4C**  
**Time Taken to Find Work – Pre-Program Unemployed (Seeking Employment)**  
**P/MS and All Program Average**

	P/MS	All Programs
Total number unemployed (pre-program) and seeking employment	98	1255
% who found employment	61.4%	68.6%
% who were unemployed but unavailable to work	4.1%	7.6%
of those who were employed <sup>1</sup> :	59	732
% who found employment while enrolled in the program	35.8%	29.5%
Less than 5 weeks after graduation	44.1%	40.2%
5-8 weeks after graduation	6.8%	10.9%
9-12 weeks after graduation	0.0%	6.3%
13-20 weeks after graduation	10.2%	7.9%
more than 20 weeks after graduation	3.4%	3.1%
don't know	0.0%	2.0%
Total – 2 months or less after graduation <sup>2</sup>	86.5%	80.6%

<sup>1</sup>excludes self-employed respondents and those respondents with a paid job to start at a definite date in the future.

<sup>2</sup>includes those respondents that found work while enrolled in the program.

## EARNINGS OF PTI GRADUATES

*"The instructors were excellent and helpful. They were very professional and they knew their materials as well. They had an excellent teaching philosophy and encouraged those who were willing to learn."*

Graduates who had found employment, or were working in new or different jobs, were asked to provide an estimate of their current earnings. As many individuals noted that they worked on a part-time basis, caution should be used in the interpretation of the wage information. In order to accurately reflect annual earnings on a full-time basis, wage data is reported for two groups: part-time basis (those who work 30 hours or less per week) and full-time workers (those who work more than 30 hours per week).

Review of the information provided by P/MS graduates indicates that:

- On average, P/MS graduates who were working on a part-time basis (30 hours or less per week) reported an estimated average annual salary of \$11,110; graduates who were working on a full-time basis (more than 30 hours per week) reported an average annual salary of \$18,352.
- There was a difference in the average annual salary on the basis of respondents pre-program status: those graduates who had been working prior to starting the program earned \$19,776 per year – which was significantly higher than the \$16,953 per year earned by PTI graduates who found new or different work after completing their program.

**Table 3-4D**  
**Estimated Average Annual Earnings of P/MS Graduates**  
**by Pre-Program and Current Employment Status**

	Unemployed and Looking for Work Prior to Program		Employed Prior to Program		Program Average <sup>1</sup>	
	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time
Number Reporting	26	37	88	134	106	189
Estimated Average Annual Salary	\$10,262	\$16,953	\$12,021	\$19,776	\$11,110	\$18,352

<sup>1</sup>Includes all respondents irrespective of pre-program status (employed, unemployed and unemployed not available to work)

Note: Part-time defined as 30 hours or less per week; full-time defined as more than 30 hours per week

## PROFILE OF UNEMPLOYED GRADUATES BY EDUCATION LEVEL AND YEARS OF WORK EXPERIENCE

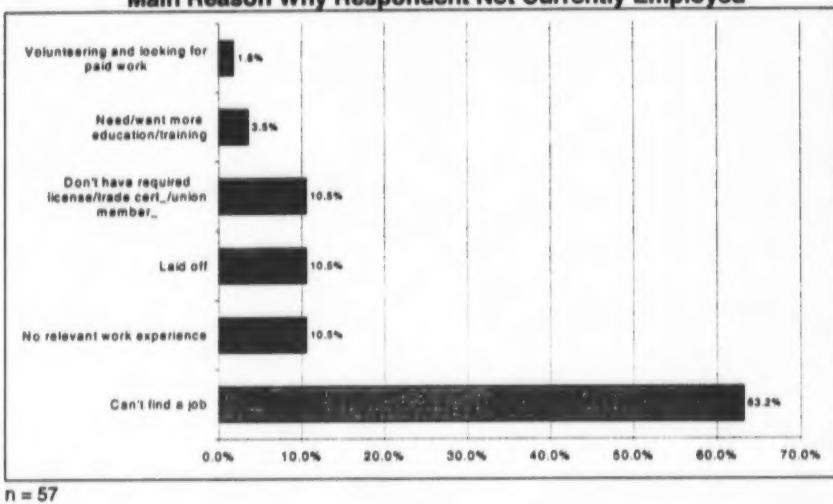
### Main Reason Why Not Working

Highlighted below in Chart 3-4C is the main reason provided by P/MS respondents why they were not working at the time of the survey, regardless of their pre-program status. As noted in the chart, the top reasons reported by respondents were they couldn't find a job (63.2%), lack of relevant work experience (10.5%), laid off (10.5%) and need required license/certification (10.5%).

- 25 graduates classified themselves as pre- and post-program unemployed and looking for work. The top reason given for being unemployed was unable to find work (64.0%).
- 44.0% of pre- and post-program unemployed/looking for work graduates had worked at a job or business at some time since leaving their program while 56.0% indicated that they had not worked at any job or business since completion of their program.
- 76.0% of this same group indicated that they had looked for employment in the last four weeks and many respondents (40.0%) stated that they had searched for work in their field of study.

# 3.4

**Chart 3-4C**  
**Post-Program - Not Working/Looking for Work**  
**Main Reason Why Respondent Not Currently Employed**



n = 57

## Educational Profile

The Key Statistics table provides a general educational profile of all P/MS graduates by employment status. Analysis of the data suggests:

- Many pre- and post-program unemployed/looking for work graduates had completed a wide range of post-secondary education prior to enrolling in their program, from a college diploma (8.0%) to a Bachelor's degree (4.0%). Slightly over double of the employed graduates had previously completed a college diploma.
- 23.5% of unemployed graduates who had completed high school had completed some of their training outside of Canada.
- Two of the 25 graduates who were not employed at the time of the interview have taken further training since the completion of their program.
- All respondents who took further training had completed their additional training at the time of survey administration.
- Respondents were asked to provide their main reason for enrolling in further studies upon completion of their program. One respondent indicated their main reason for undertaking further studies was lack of suitable employment opportunities. The other cited career advancement as the main reason.

## Level of Paid/Unpaid Work Experience

The following analysis is based on 25 responses provided by pre- and post-program unemployed/looking for work graduates.

- 42.1% of unemployed respondents had paid related work experience prior to taking their program. Almost two-thirds (62.5%) of respondents had three or more years of

paid work experience in Canada and 12.5% of respondents had three or more years of work experience outside of Canada.

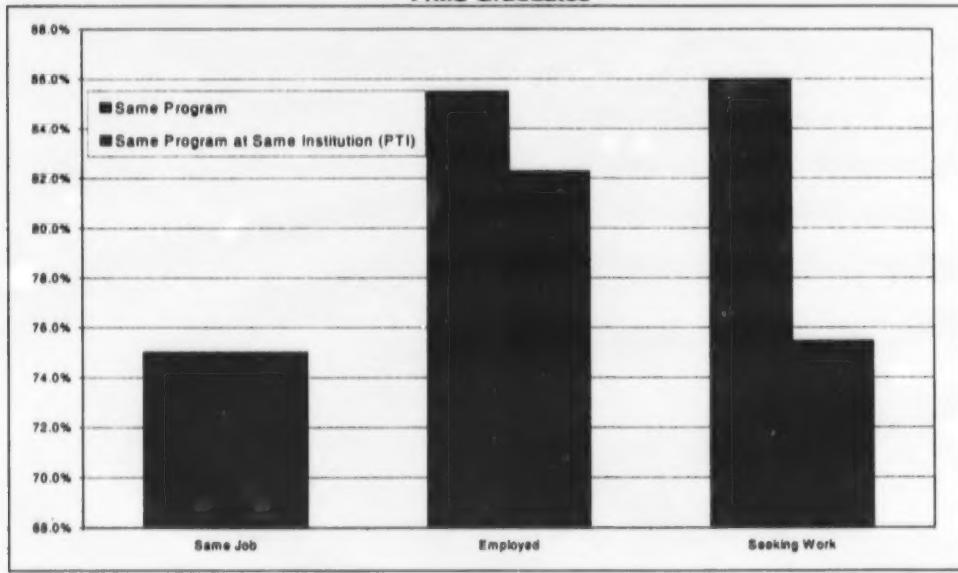
- Respondents were asked to indicate whether they had any unpaid or volunteer work related to the type of job they were seeking: nine respondents indicated that they had done some unpaid or volunteer work.

### OVERALL SATISFACTION WITH THE EDUCATION AND TRAINING PROVIDED

To evaluate the quality of programs currently offered by private training institutions and the institutions themselves, respondents were asked, given their experience since completing the program, whether they would choose to study the same program again. Similarly, respondents were asked, given their experience, whether they would choose to study the same program and at the same institution again. Analysis of the data indicates that:

- Overall, 83.6% of P/MS graduates indicated that, given their experience since graduation, they would again enroll in a P/MS program. However, those graduates who were employed at the time of the interview were slightly less positive about the program (85.5%) than were those individuals who had not found work after completion of the program (86.0% satisfaction rating).
- 80.5% of P/MS graduates noted that they would enroll in the same program at the same institution.

**Chart 3-4D**  
**Proportion of Graduates Who Indicated That They Would Enroll In Same Program and Same Program/Same Institution by Current Employment Status P/MS Graduates**



n=144

Most respondents provided open-ended comments as to why they would or would not take their respective programs again. These comments were subsequently coded into twenty-two categories of positive or negative reasons. Table 3-4E provides the top five

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positive and top negative reasons why students would or would not attend the same program again.

Nearly 83.6 of P/MS graduates said that they would attend their program again. Positive comments provided by the graduates included that the program provided the knowledge and skills expected by the respondents (19.8%), the program was an enjoyable experience (17.3%), and that the program was necessary to secure employment (11.2%).

Of the top five reasons why students would not enroll in the program again, the most likely reasons were the program was too general (4.5%), the program was too difficult or not enough time was allocated (3.7%) or students were unhappy with the administration (3.4%).

**Table 3-4E**  
**Why Respondents Would or Would Not Choose Program Again - P/MS**

Respondents Who Would Choose Same Program Again	
• provides knowledge/skills/training expected	19.8%
• enjoyed field of study/experience	17.3%
• personal interest/learned new things	11.2%
• teachers were great/positive atmosphere/material well taught	11.0%
• found employment/necessary for employment	10.9%
• other positive reasons	5.3%
<b>Total positive reasons</b>	<b>75.5%</b>
Respondents Who Would Not Choose Same Program Again	
• program too general/not adequately prepared for job	4.5%
• learned nothing new/did not meet expectations	3.7%
• unhappy with administration or instruction	3.4%
• too difficult/not enough time	2.7%
• poor job market/educ. not recognized	2.1%
• other negative reasons	8.1%
<b>Total negative reasons</b>	<b>24.5%</b>
<b>Total</b>	<b>100.0%</b>

## 3.4

positive and top negative reasons why students would or would not attend the same program again.

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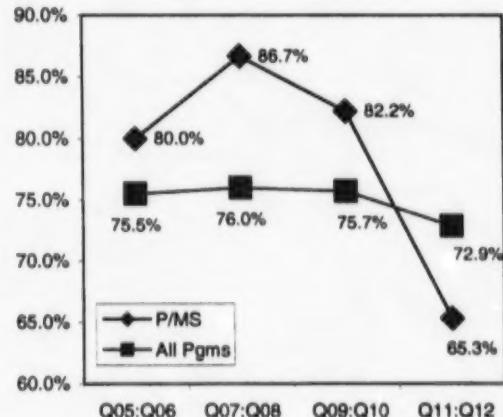
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•unhappy with administration or instruction	3.4%
•too difficult/not enough time	2.7%
•poor job market/educ. not recognized	2.1%
•other negative reasons	8.1%
Total	100.0%

## LONGITUDINAL ANALYSIS

Highlighted below are the changes in the key variables for P/MS programs. For comparative purposes, the average across all program areas has also been included. The period analyzed includes graduates for the survey reporting period of September 1997 (Q5) to August 1999 (Q12).

### 1. Found Work Rates (previously unemployed graduates)

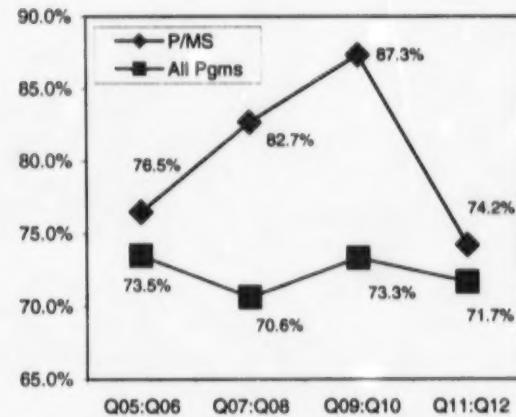
- the found work rate for previously unemployed graduates enrolled in P/MS programs has decreased dramatically from 82.2% for Q9:Q10 graduates to 65.3% for Q11:Q12 graduates.
- P/MS found work rate fell below the all program average in Q11:Q12.



### 2. Usefulness of Training in Getting Employment

Previously unemployed graduates' were asked to rate the usefulness of their training in securing work.

- across all programs in each quarter, approximately seven in ten respondents reported that their training was useful or very useful.
- usefulness ratings provided by P/MS graduates decreased from 87.3% in Q9:Q10 to 74.2% in Q11:Q12 but have remained above the all-program average for all quarters.



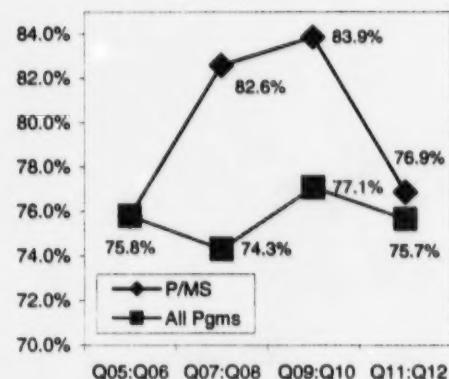
'this question was also asked of graduates who were still working for the same employer, performing the same job, but had obtained a second job after completing the program.

# 3.4

## 3. Usefulness of Training in Performing Work Activity

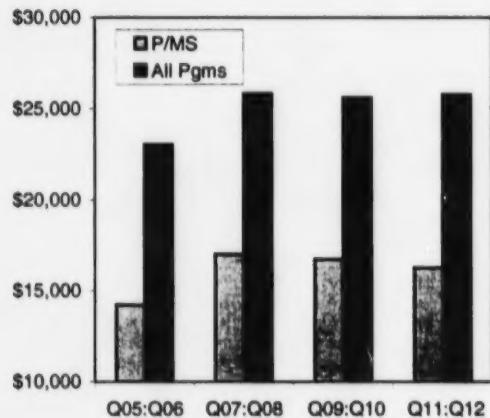
All employed graduates were asked to indicate the extent to which their training helped them perform their current work.

- satisfaction of P/MS graduates has decreased since Q9:Q10, and is only slightly above the all program average for Q11:Q12.



## 4. Average Salary (all graduates working full-time)

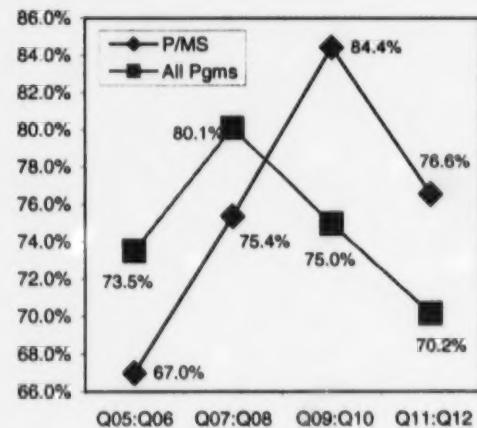
- recent P/MS graduates (Q11:Q12) reported average salaries of \$16,285, which represents a slight decrease as compared to Q9:Q10 salaries (\$16,738).



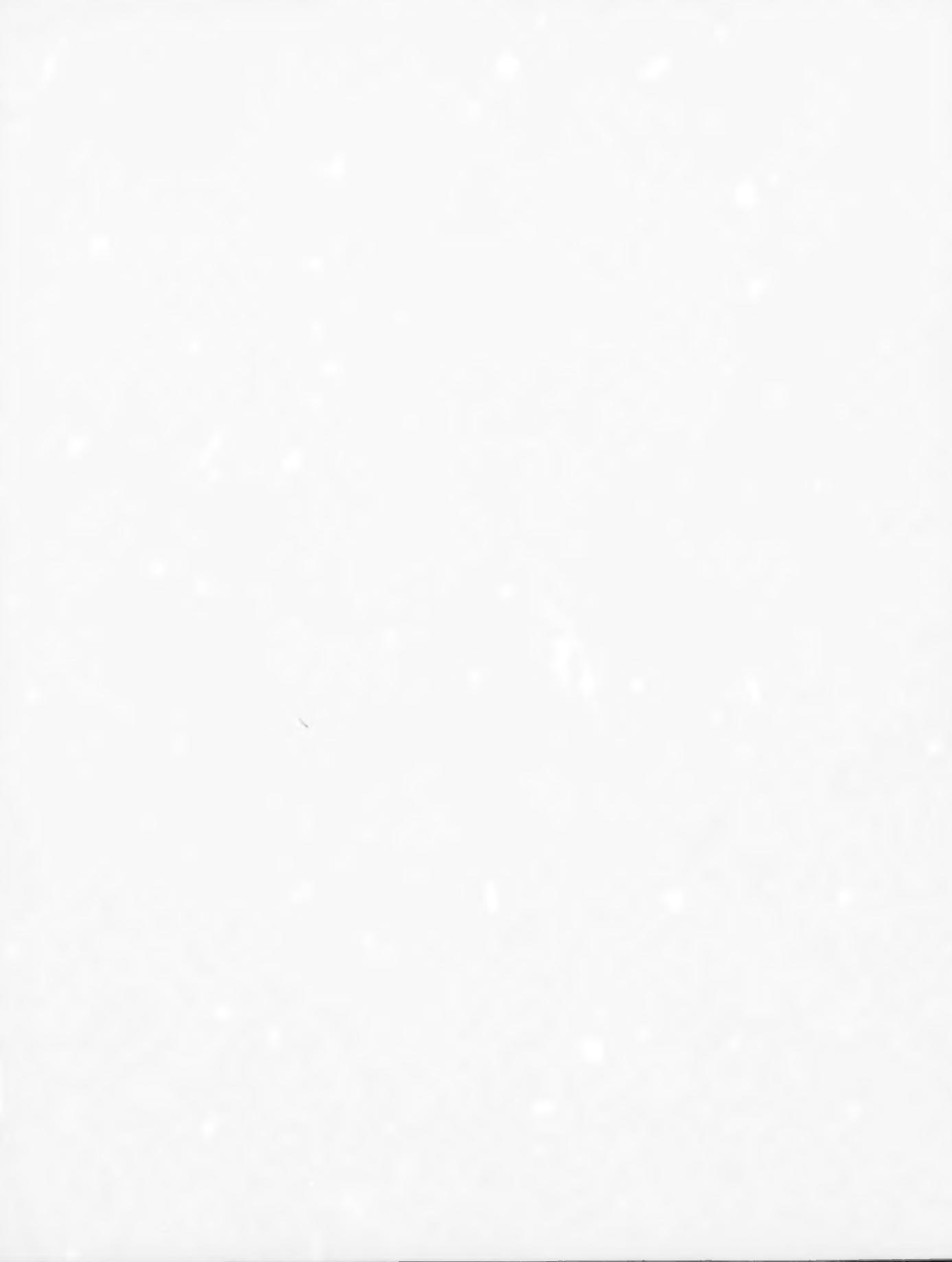
## 5. Overall Satisfaction With Program and Institution (all graduates)

Respondents were asked, given their experience, whether they would have enrolled in the same program at the same institution again.

- this rating increased from 75.4% for all P/MS graduates in Q7:Q8, to 84.4% of respondents who graduated in Q9:Q10. The uptrend reversed with a decrease in satisfaction (76.6%) reported by graduates in Q11:Q12.
- overall, (all program) satisfaction levels have decreased steadily over the last three quarters.



### **3.5 CONSTRUCTION TRADES (CT)**



## 3.5 Construction Trades

### KEY STATISTICS

Characteristics		CT			Program Index		
		Pre-Program Unemployed	Post- Program Employed	Pre- & Post- Program Unemployed	CT	All Programs	
		n=48	n=74	n/n/a	n=180	n=4151	
Demographics	Female	%	8.3%	9.5%	n/a	9.4%	64.1% 0.15
	Male	%	91.7%	90.5%	100.0%	90.6%	35.9% 2.52
	Aboriginal	%	4.2%	4.1%	5.9%	7.8%	5.3% 1.47
	Visible Minority	%	12.5%	18.9%	n/a	13.3%	18.5% 0.72
	Long-term Health Condition	%	8.3%	6.8%	11.8%	6.7%	9.0% 0.74
	Age: 30 years and less	%	54.2%	63.5%	52.9%	62.8%	43.0% 1.46
	31-45 years	%	35.4%	29.7%	41.2%	33.3%	40.2% 0.83
	46+ years	%	8.3%	4.1%	5.9%	2.8%	16.3% 0.17
Region	Vancouver Island	%	n/a	1.4%	n/a	2.8%	20.7% 0.13
	Lower Mainland	%	95.8%	93.2%	100.0%	90.6%	63.8% 1.42
	Thompson-Okanagan	%	n/a	1.4%	n/a	3.3%	9.8% 0.34
	Kootenay	%	n/a	n/a	n/a	n/a	1.0% n/a
	Cariboo	%	2.1%	1.4%	n/a	1.7%	1.8% 0.91
	North Coast	%	n/a	n/a	n/a	n/a	0.2% n/a
	Nechako	%	n/a	n/a	n/a	n/a	0.2% n/a
	Northeast	%	n/a	n/a	n/a	0.6%	0.2% 3.29
	Outside B.C./Canada	%	2.1%	2.7%	n/a	1.1%	2.2% 0.51
Highest Level of Education	Less than Grade 12	%	39.6%	20.3%	52.9%	21.7%	11.1% 1.95
	High School Graduate	%	25.0%	33.8%	23.5%	35.8%	27.1% 1.31
	Registered Apprentice	%	10.4%	17.8%	n/a	20.0%	15.1% 1.32
	College Diploma	%	14.6%	10.8%	23.5%	11.7%	20.9% 0.56
	University-Non Degree	%	2.1%	1.4%	n/a	1.1%	2.4% 0.46
	Bachelor's Degree	%	2.1%	2.7%	n/a	1.7%	8.8% 0.19
	Post Graduate Degree	%	n/a	n/a	n/a	n/a	4.0% n/a
	Other/did not complete program	%	6.3%	13.5%	n/a	8.3%	10.4% 0.80
English Abilities	Reading English - Very Good	%	70.8%	75.7%	64.7%	73.3%	78.8% 0.93
	Written English - Very Good	%	62.5%	75.7%	47.1%	70.0%	75.7% 0.92
	Spoken English - Very Good	%	79.2%	81.1%	82.4%	83.9%	85.1% 0.99
Prev Work	Paid Related Work Experience <sup>(10)</sup>	%	42.4%	57.1%	41.2%	55.0%	48.9% 1.17
	Unpaid Related Work Experience <sup>(10)</sup>	%	30.3%	22.4%	41.2%	27.5%	26.6% 1.03

Note: Totals may not add to 100% due to missing data/no response.

- Footnotes:
- Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs": n = 4,151
  - Index = Individual Program value / All Program value. The average=1.00, numbers>1.00 are above average and numbers<1.00 are below average.
  - # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.
  - # found work / (# found work + # looking for work).
  - Excludes self-employed graduates.
  - % includes those respondents who found work while in their program.
  - Full-time defined as working more than 30 hours per week.
  - % who would enroll again.
  - Excluding N/A responses.
  - Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

## 3.5 Construction Trades

### KEY STATISTICS

	Characteristics	CT			All Programs		
		Pre-Program Unemployed*	Post-Program Employed	Pre- & Post- Program Unemployed	CT	All PROGRAMS	Index
Of Resp	Not working/seeking employment	%	n/a	31.1%	n/a	26.7%	30.2%
Of Resp	Working	%	n/a	52.7%	n/a	51.1%	40.7%
Of Resp	Not working/unavailable to work	%	n/a	16.2%	n/a	12.2%	28.9%
Of Resp	Found new/different work	%	47.9%	100.0%	n/a	44.4%	60.1%
Of Resp	Same work/same employer	%	n/a	n/a	n/a	29.4%	13.2%
Of Resp	Not working/seeking employment	%	35.4%	n/a	n/a	17.2%	15.9%
Of Resp	Not working/unavailable to work	%	16.7%	n/a	n/a	8.3%	10.6%
Of Employed	Found Work Calculation <sup>(4)</sup>	%	57.5%	n/a	n/a	72.1%	79.0%
Of Employed	Employed in training-related work	%	69.6%	75.7%	n/a	75.7%	74.3%
Of Employed	Usefulness of training in getting work <sup>(5)</sup>	%	66.7%	70.8%	n/a	70.8%	72.1%
Of Employed	Usefulness of training in performing work	%	56.5%	77.0%	n/a	77.0%	76.1%
Of Employed	Found work while in program <sup>(6)</sup>	%	12.5%	25.7%	n/a	24.3%	24.1%
Of Employed	Found work within 8 weeks of grad <sup>(7)</sup> *	%	73.3%	85.1%	n/a	85.1%	79.0%
Goals	Avg. Salary of Full-Time workers <sup>(7)</sup>	\$/yr	\$24,124	\$32,106	n/a	\$36,779	\$26,454
Goals	Avg. Salary of Part-Time workers <sup>(7)</sup>	\$/yr	\$33,680	\$18,039	n/a	\$19,353	\$13,381
% of Respondents Satisfied	Overall satisfaction with program <sup>(8)</sup>	%	75.0%	83.8%	82.4%	84.4%	78.0%
	Overall satisfaction with program and institute <sup>(8)</sup>	%	75.0%	87.8%	82.4%	88.9%	71.8%
% of Respondents Satisfied	Program Content	%	68.8%	78.4%	70.6%	82.8%	75.7%
	Instruction	%	81.3%	79.7%	88.2%	85.8%	75.5%
% of Respondents Satisfied	Learning Materials	%	70.8%	78.4%	76.5%	75.6%	70.9%
	Computer Hardware <sup>(9)</sup>	%	86.2%	86.7%	83.3%	79.0%	68.9%
% of Respondents Satisfied	Computer Software <sup>(9)</sup>	%	92.6%	75.9%	100.0%	78.8%	75.2%
	Equip. Other Than Computers <sup>(9)</sup>	%	72.7%	70.0%	78.6%	72.8%	69.0%
Goals	Main reason for enrolling was met	%	72.9%	83.8%	76.5%	85.8%	80.5%
	Program provided skills expected	%	79.2%	89.2%	70.6%	87.8%	90.2%

Note: Totals may not add to 100% due to missing data/no response.

- Footnotes:
1. Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" n = 4,151
  2. Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers <1.00 are below average.
  3. % of graduates who found a new or different work. Does not include those respondents who were working in the same work/employer before and after the program.
  4. # found work / (# found work + # looking for work).
  5. Excludes self-employed graduates.
  6. % includes those respondents who found work while in their program.
  7. Full-time defined as working more than 30 hours per week.
  8. % who would enroll again.
  9. Excluding N/A responses.
  10. Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

### 3.5 Construction Trades

#### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n>0. Statistics are not detailed separately for CIP areas with small sample sizes.

	Characteristics	CT			All Programs			
		n= 80	n= 20	n= 77	n= 180	n= 4151		
Demographics	Female	%	2.5%	5.0%	18.2%	9.4%	64.1%	0.15
	Male	%	97.5%	95.0%	81.8%	90.6%	35.9%	2.52
	Aboriginal	%	6.3%	5.0%	10.4%	7.8%	5.3%	1.47
	Visible Minority	%	6.3%	50.0%	11.7%	13.3%	18.5%	0.72
	Long-term Health Condition	%	3.8%	n/a	11.7%	6.7%	9.0%	0.74
	Age: 30 years and less	%	65.0%	75.0%	57.1%	62.8%	43.0%	1.46
	31-45 years	%	32.5%	25.0%	36.4%	33.3%	40.2%	0.83
Region	46+ years	%	1.3%	n/a	5.2%	2.8%	16.3%	0.17
	Vancouver Island	%	3.8%	n/a	1.3%	2.8%	20.7%	0.13
	Lower Mainland	%	88.6%	100.0%	90.9%	90.6%	63.8%	1.42
	Thompson-Okanagan	%	5.0%	n/a	2.6%	3.3%	9.8%	0.34
	Kootenay	%	n/a	n/a	n/a	n/a	1.0%	n/a
	Cariboo	%	1.3%	n/a	2.6%	1.7%	1.8%	0.91
	North Coast	%	n/a	n/a	n/a	n/a	0.2%	n/a
Highest Level of Education	Nechako	%	n/a	n/a	n/a	n/a	0.2%	n/a
	Northeast	%	n/a	n/a	1.3%	0.6%	0.2%	3.29
	Outside B.C./Canada	%	1.3%	n/a	1.3%	1.1%	2.2%	0.51
	Less than Grade 12	%	6.3%	40.0%	33.8%	21.7%	11.1%	1.96
	High School Graduate	%	38.8%	30.0%	33.8%	35.6%	27.1%	1.31
	Registered Apprentice	%	28.8%	15.0%	13.0%	20.0%	15.1%	1.32
	College Diploma	%	16.3%	n/a	10.4%	11.7%	20.9%	0.56
English Abilities	University-Non Degree	%	1.3%	n/a	1.3%	1.1%	2.4%	0.46
	Bachelor's Degree	%	1.3%	5.0%	1.3%	1.7%	8.8%	0.19
	Post Graduate Degree	%	n/a	n/a	n/a	n/a	4.0%	n/a
	Other/did not complete program	%	7.5%	10.0%	6.5%	8.3%	10.4%	0.80
	Reading English - Very Good	%	78.8%	55.0%	71.4%	73.3%	78.8%	0.93
	Written English - Very Good	%	76.3%	45.0%	68.8%	70.0%	75.7%	0.92
	Spoken English - Very Good	%	92.5%	60.0%	80.5%	83.9%	88.1%	0.99
Prev Work	Paid Related Work Experience <sup>(10)</sup>	%	76.0%	53.8%	42.9%	55.0%	46.9%	1.17
	Unpaid Related Work Experience <sup>(10)</sup>	%	16.0%	38.5%	31.0%	27.5%	26.6%	1.03

Note: Totals may not add to 100% due to missing data/no response.

#### Footnotes:

- Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" n = 4,151
- Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers<1.00 are below average
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- # found work / (# found work + # looking for work)
- Excludes self-employed graduates.
- % includes those respondents who found work while in their program.
- Full-time defined as working more than 30 hours per week.
- % who would enroll again.
- Excluding N/A responses
- Questions only asked of i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

# 3.5

## 3.5 Construction Trades

### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n>0. Statistics are not detailed separately for CIP areas with small sample sizes.

Characteristics	CT			All Program Areas		
	n= 80	n= 20	n= 77	n= 180	n= 4151	
Of Respondents	Not working/seeking employment %	3.8%	40.0%	48.1%	26.7%	30.2% 0.86
	Working %	93.8%	45.0%	29.9%	61.1%	40.7% 1.50
	Not working/unavailable to work %	2.5%	15.0%	22.1%	12.2%	28.9% 0.42
Of Respondents	Found new/different work %	42.5%	50.0%	48.8%	44.4%	60.1% 0.74
	Same work/same employer %	46.3%	15.0%	13.0%	29.4%	13.2% 2.23
	Not working/seeking employment %	7.5%	30.0%	24.7%	17.2%	15.9% 1.08
Of Employed	Not working/unavailable to work %	3.8%	5.0%	14.3%	8.3%	10.6% 0.78
	Found Work Calculation <sup>(4)</sup> %	85.0%	62.5%	65.5%	72.1%	79.0% 0.91
	Employed in training-related work %	93.8%	87.5%	55.9%	75.7%	74.3% 1.02
Of Employed	Usefulness of training in getting work <sup>(5)</sup> %	94.7%	71.4%	50.0%	70.8%	72.1% 0.98
	Usefulness of training in performing work %	93.8%	75.0%	61.8%	77.0%	76.1% 1.01
	Found work while in program <sup>(6)</sup> %	21.9%	12.5%	29.4%	24.3%	24.1% 1.01
Overall Satisfaction	Found work within 8 weeks of grad <sup>(7)</sup> %	n/a	14.3%	9.5%	85.1%	79.0% 1.08
	Avg. Salary of Full-Time workers <sup>(7)</sup> \$/yr	\$44,530	\$20,681	\$28,272	\$36,779	\$26,454 1.39
	Avg. Salary of Part-Time workers <sup>(7)</sup> \$/yr	\$18,000	\$24,000	\$19,075	\$19,353	\$13,381 1.45
Goals	Overall satisfaction with program <sup>(8)</sup> %	95.0%	70.0%	76.6%	84.4%	78.0% 1.08
	Overall satisfaction with program and institute <sup>(8)</sup> %	100.0%	85.0%	77.9%	88.9%	71.8% 1.24
	Program Content %	93.8%	75.0%	72.7%	82.8%	75.7% 1.09
Goals	Instruction %	91.3%	95.0%	78.6%	85.6%	75.5% 1.13
	Learning Materials %	80.0%	75.0%	71.4%	75.6%	70.9% 1.07
	Computer Hardware <sup>(9)</sup> %	n/a	60.0%	82.1%	79.0%	68.9% 1.15
Goals	Computer Software <sup>(9)</sup> %	n/a	75.0%	80.4%	78.6%	75.2% 1.05
	Equip. Other Than Computers <sup>(9)</sup> %	66.2%	63.2%	81.2%	72.8%	69.0% 1.06
	Main reason for enrolling was met %	100.0%	80.0%	71.4%	85.6%	80.5% 1.08
Goals	Program provided skills expected %	97.5%	85.0%	77.9%	87.8%	80.2% 0.97

Note: Totals may not add to 100% due to missing data/no response.

#### Footnotes

- Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" n = 4,151
- Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers<1.00 are below average.
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- # found work / (# found work + # looking for work).
- Excludes self-employed graduates.
- % includes those respondents who found work while in their program.
- Full-time defined as working more than 30 hours per week.
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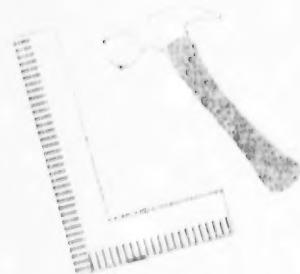
## Construction Trades (CT)

### KEY CHARACTERISTICS

Female/male ratio	0.10:1
Overall satisfaction with program	84.4%
Pre-program employed	61.1%
Post-program employed	73.8%
Went on to new or different job after completed program	44.4%
Average length of time taken to find work	3.9 weeks
Employed in training-related work	75.7%
Average salary (full-time workers)	\$36,779

### INCLUDED IN THIS PROGRAM

- 46.0101 Mason & Tile Setter
- 46.0501 Plumber & Pipefitter
- 46.9999 Construction Trades, Other



In this survey administration period, CT was characterized by a 59.8% response rate, based on a valid sample of 301 graduates. The not-in-service rate for CT graduates was 33.2%.

### PRE-PROGRAM/POST-PROGRAM STATUS OF TRAINEES

#### All Graduates

All survey participants who had completed 75% or more of their program requirements were asked to detail what activities they had been doing prior to enrolling in a CT program as well as their status six months after graduation.

All survey participants who had completed 75% or more of their program requirements were asked to detail what activities they had been doing prior to enrolling in a CT program as well as their status six months after graduation.

As highlighted in the Key Statistics table, of the 180 CT graduates surveyed:

- 26.7% noted that they had not been working but were seeking employment prior to enrolling in the program;
- a higher proportion noted that they had been working (61.1%);
- and 12.2% of graduates had not been working nor actively looking for work.

Program graduates were contacted six months after completion of their program to ascertain their employment status. As highlighted in the Key Statistics table:

- over seven of ten (73.8%) CT graduates indicated that they were working – either at the same job with the same employer (29.4%) or at a new or different job (44.4%);
- 17.2% of graduates stated that they were unemployed and actively seeking work.

## 3.5

### Excluding Graduates That Are Unavailable for Work

To develop an accurate profile of the impacts of private training, pre- and post-program employment status was also analyzed excluding those graduates who were unavailable to work or not seeking work. Students in this category may be unavailable for a variety of reasons that make it difficult to seek employment (e.g. illness, taking care of family, going to school). Table 3-5A focuses on the employment status of those who were working, or unemployed and seeking work.

**Table 3-5A**  
**Pre- and Post-Program Employment Status – CT Graduates**  
**Excluding Graduates Not Seeking Employment**

Status	Pre-Program	Post-Program
Not working/seeking employment	45.5%	19.6%
Working (same job/same employer)	54.5%	33.5%
Found new/different job <sup>1</sup>	n/a	46.8%

n = 88 for pre-program status and n = 158 for post program status

<sup>1</sup>includes those respondents who were with the same employer, but doing a different job

*"I wish I had done it 20 years ago. I found it interesting. The instructor fulfilled my needs and answered my questions."*

### Previously Unemployed Graduates

A key issue of the survey is to identify the effectiveness of the training provided in assisting previously unemployed program participants (who were seeking employment) to find work. For example, of the survey participants who graduated from a CT program, 48 or 26.7% indicated that they had not been working and were seeking employment prior to their enrolment in the program. Analysis of the outcomes associated with this group six months after graduation indicates that **47.9% of these previously unemployed graduates were now working** at the time of the interview and just over one-third (35.4%) were unemployed and still looking for work.

Found work rates are used to assess the effectiveness in helping previously unemployed participants find work. Found work rates exclude graduates who were unavailable and not looking for work after their program was completed (see section 1.4 for a definition of found work rates). Based on information collected for Q9 to Q12 (March 1998 to February 1999) graduates, the found work rate for previously unemployed CT graduates was calculated to be 57.5% (e.g., 57.5% of those respondents available to work were working at the time of the interview).

The found work rate calculation indicates that of those graduates who were pre-program unemployed (and looking for work), approximately three-quarters of graduates had found work when surveyed six months after graduating from this program.

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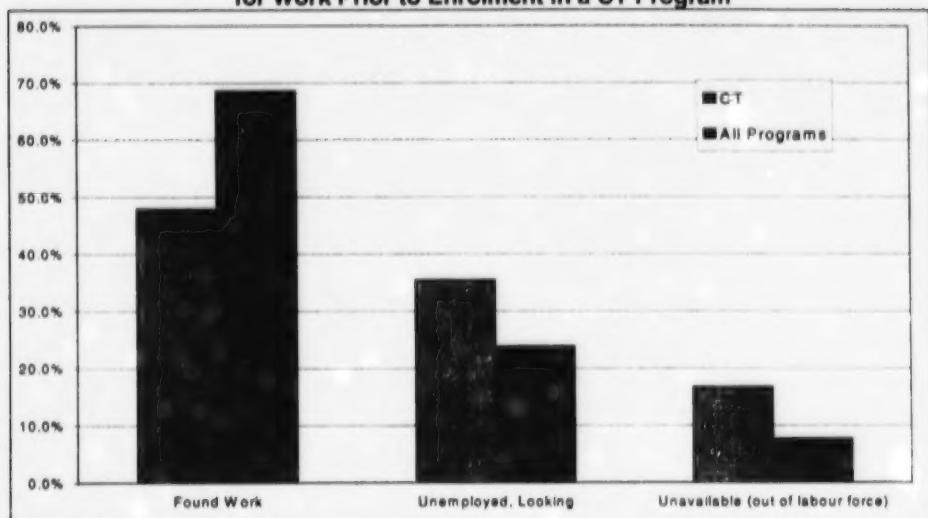
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**Chart 3-5A**  
**Post-Program Status of Graduates Who Were Looking**  
**for Work Prior to Enrolment in a CT Program**



n = 48 for CT and n = 1,260 for all programs

#### TYPE OF WORK FOUND BY PTI GRADUATES WHO WERE PREVIOUSLY UNEMPLOYED

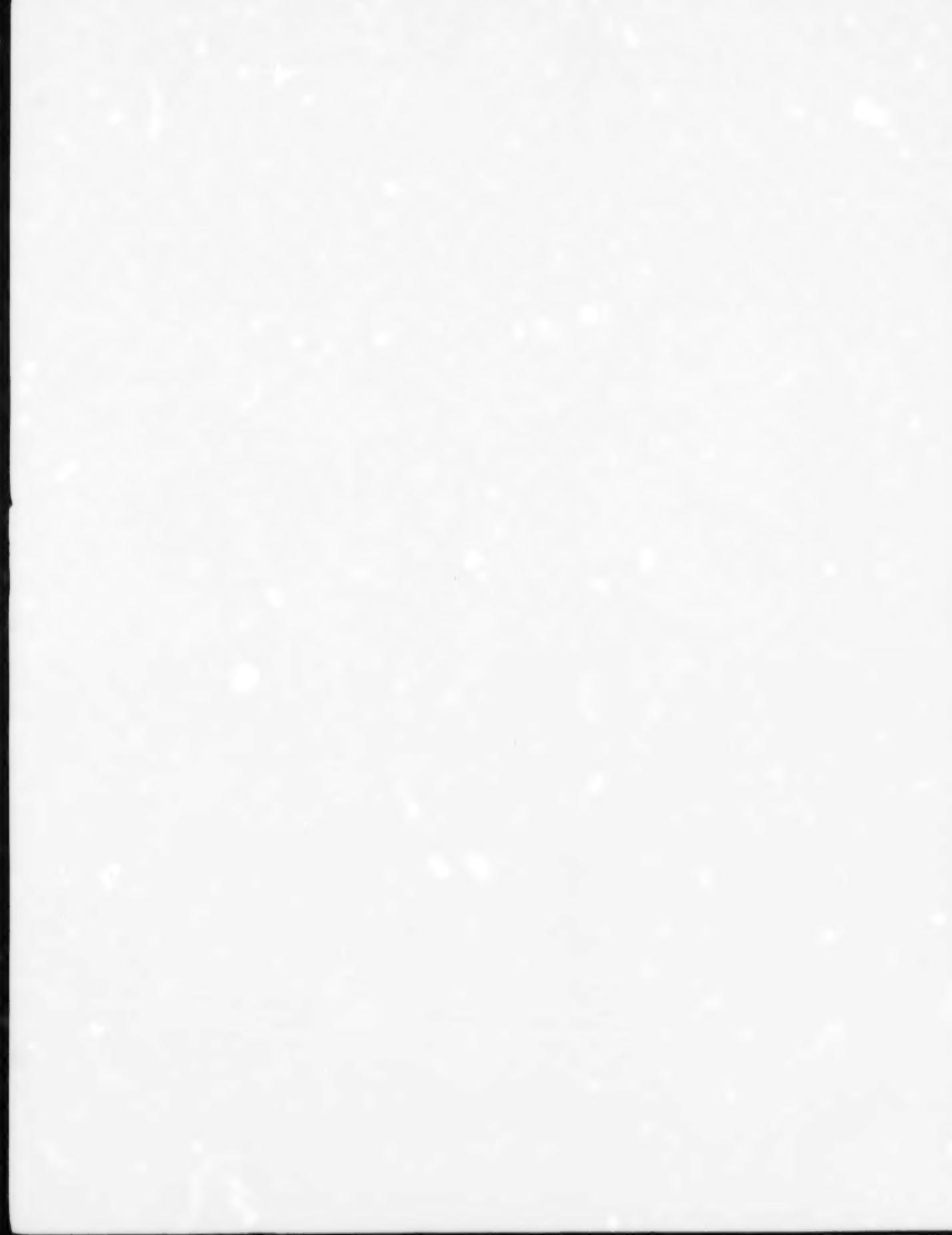
Further analysis of the graduates who were not working prior to enrolling in an institution was carried out to determine what kinds of jobs and in what industries graduates were finding employment.

Detailed in Table 3-5B are the top five occupations and top five industries in which CT graduates found work. Students were asked during the survey to provide their job title, duties and type of industry that they were employed in. Responses were coded according to the National Occupational Classification (NOC) and North American Industry Classification System (NAICS) [previously known as Standard Industry Classification – SIC].

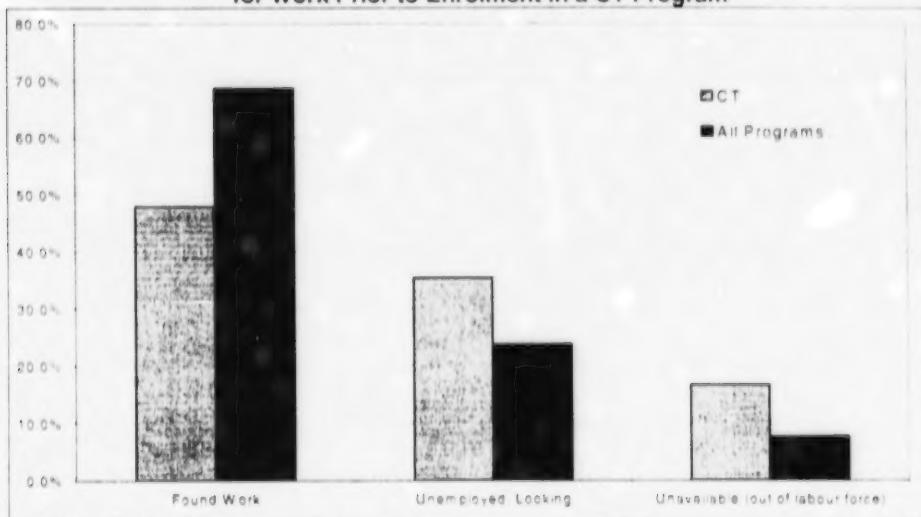
**Table 3-5B**  
**Identification of Key Occupations and Industries In Which Previously Unemployed PTI  
Graduates Found Employment - CT**

Top Five Occupations (% share)	Top Five Industries (% share)
Plumbers 26.2%	Plumbing, Heating and Air-Conditioning Installation 51.4%
Steamfitters, Pipefitters and Sprinkler System Installers 19.0%	Automotive Mechanical and Electrical Repair and Maintenance 8.6%
Roofers and Shinglers 7.9%	Residential Building Construction 5.7%
Motor Vehicle Body Repairers 5.6%	Nursery and Floriculture Production 2.9%
Carpenters 3.2%	Other Engineering Construction 2.9%
	51.4% Total Share of Five Industries

*"This program was required by my employer for licensing but, in addition, it helps to make you a more well-rounded employee. You learn things at school that you can't always learn on the job. It broadens your horizons."*



**Chart 3-5A**  
**Post-Program Status of Graduates Who Were Looking  
 for Work Prior to Enrolment in a CT Program**



n = 48 for CT and n = 1,260 for all programs

### TYPE OF WORK FOUND BY PTI GRADUATES WHO WERE PREVIOUSLY UNEMPLOYED

Further analysis of the graduates who were not working prior to enrolling in an institution was carried out to determine what kinds of jobs and in what industries graduates were finding employment.

Detailed in Table 3-5B are the top five occupations and top five industries in which CT graduates found work. Students were asked during the survey to provide their job title, duties and type of industry that they were employed in. Responses were coded according to the National Occupational Classification (NOC) and North American Industry Classification System (NAICS) [previously known as Standard Industry Classification – SIC].

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**Identification of Key Occupations and Industries in Which Previously Unemployed PTI  
 Graduates Found Employment - CT**

Top Five Occupations (% share)	Top Five Industries (% share)
Plumbers 26.2%	Plumbing, Heating and Air-Conditioning Installation 51.4%
Steamfitters, Pipefitters and Sprinkler System Installers 19.0%	Automotive Mechanical and Electrical Repair and Maintenance 8.6%
Roofers and Shinglers 7.9%	Residential Building Construction 5.7%
Motor Vehicle Body Repairers 5.6%	Nursery and Floriculture Production 2.9%
Carpenters 3.2%	Other Engineering Construction 2.9%
% Share of five occupations . 61.9%	% Share of five industries 71.4%

*"This program was required by my employer for licensing but, in addition, it helps to make you a more well-rounded employee. You learn things at school that you can't always learn on the job. It broadens your horizons."*

## 3.5

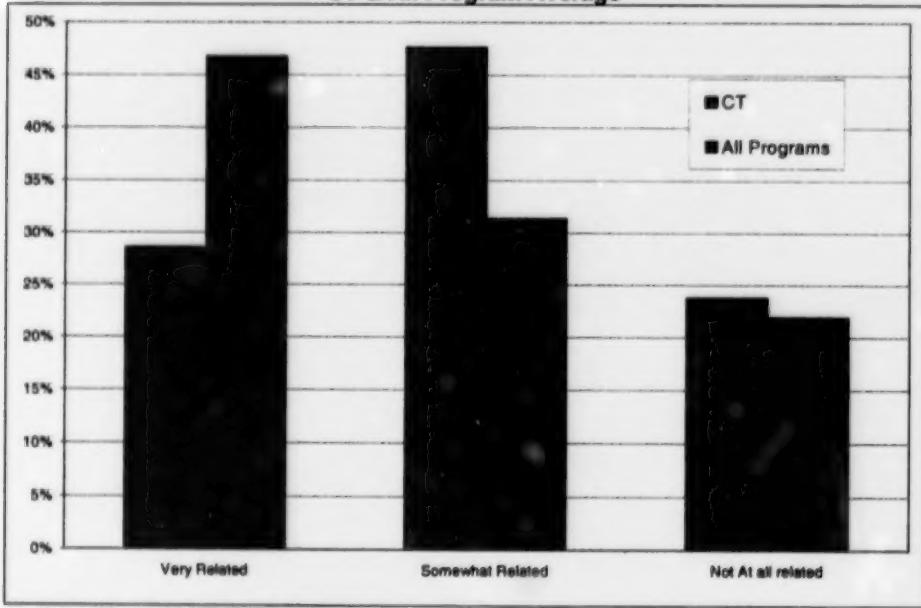
Analysis was also completed to establish the extent to which work found by previously unemployed graduates generally matched the training provided (e.g. proportion of previously unemployed graduates who found work in a training-related area).

For those graduates who were pre-program unemployed, 69.6% reported that they found work in a training-related area. These graduates also reported average levels of satisfaction with the type of training provided – 66.7% reported that their training was very useful or useful in getting work, and 56.5% reported that their training was very useful or useful in performing work.

Chart 3-5B highlights the percentage of graduates who report that they found work that was very related (29%) or somewhat related (48%) to the training provided.

Approximately one-quarter (24%) of previously unemployed CT graduates noted that the employment they had secured was not at all related to the training provided at the PTI.

**Chart 3-5B**  
**"Match" Between Training Provided and Work Found**  
**Graduates Who Were Unemployed and Seeking Work Prior to Enrolment in a PTI**  
**CT & All Program Average**



n = 21 for CT and n = 839 for all programs

## AVERAGE LENGTH OF TIME TAKEN TO FIND WORK

Survey participants who were unemployed (pre-program) and who were seeking employment were asked to indicate the length of time (in weeks) they spent actively looking for their current employment. Analysis of the data indicates that:

- 28.6% of previously unemployed CT graduates noted that they had found work while enrolled in the program;
- 81.0% indicated that they had secured employment within two months of graduation, roughly equivalent to the all program average of 80.6%.

**Table 3-5C**

### Time Taken to Find Work – Pre-Program Unemployed (Seeking Employment) CT and All Program Average

	CT	All Programs
Total number unemployed (pre-program) and seeking employment	48	1255
% who found employment	47.9%	68.6%
% who were unemployed but unavailable to work	16.7%	7.6%
of those who were employed <sup>1</sup> :	21	732
% who found employment while enrolled in the program	28.6%	29.5%
Less than 5 weeks after graduation	38.1%	40.2%
5-8 weeks after graduation	14.3%	10.9%
9-12 weeks after graduation	9.5%	6.3%
13-20 weeks after graduation	9.5%	7.9%
more than 20 weeks after graduation	0.0%	3.1%
don't know	0.0%	2.0%
Total – 2 months or less after graduation <sup>2</sup>	81.0%	80.6%

<sup>1</sup>excludes self-employed respondents and those respondents with a paid job to start at a definite date in the future.

<sup>2</sup>includes those respondents that found work while enrolled in the program.

## EARNINGS OF PTI GRADUATES

Graduates who had found employment, or were working in new or different jobs, were asked to provide an estimate of their current earnings. As many individuals noted that they worked on a part-time basis, caution should be used in the interpretation of the wage information. In order to accurately reflect annual earnings on a full-time basis, wage data is reported for two groups: part-time basis (those who work 30 hours or less per week) and full-time workers (those who work more than 30 hours per week).

Review of the information provided by CT graduates indicates that:

- On average, CT graduates who were working on a part-time basis (30 hours or less per week) reported an estimated average annual salary of \$19,353; graduates who were working on a full-time basis (more than 30 hours per week) reported an average annual salary of \$36,779.
- There was a significant difference in the average annual salary on the basis of respondents pre-program status: those graduates who had been working prior to starting the program earned \$40,909 per year – which was higher than the \$24,124 per year earned by PTI graduates who found new or different work after completing their program.

**Table 3-5D**  
**Estimated Average Annual Earnings of CT Graduates**  
**by Pre-Program and Current Employment Status**

	Unemployed and Looking for Work Prior to Program		Employed Prior to Program		Program Average <sup>1</sup>	
	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time
Number Reporting	1	18	5	62	10	116
Estimated Average Annual Salary	\$33,680	\$24,124	\$17,761	\$40,909	\$19,353	\$36,779

<sup>1</sup>Includes all respondents irrespective of pre-program status (employed, unemployed and unemployed not available to work)

Note: Part-time defined as 30 hours or less per week; full-time defined as more than 30 hours per week

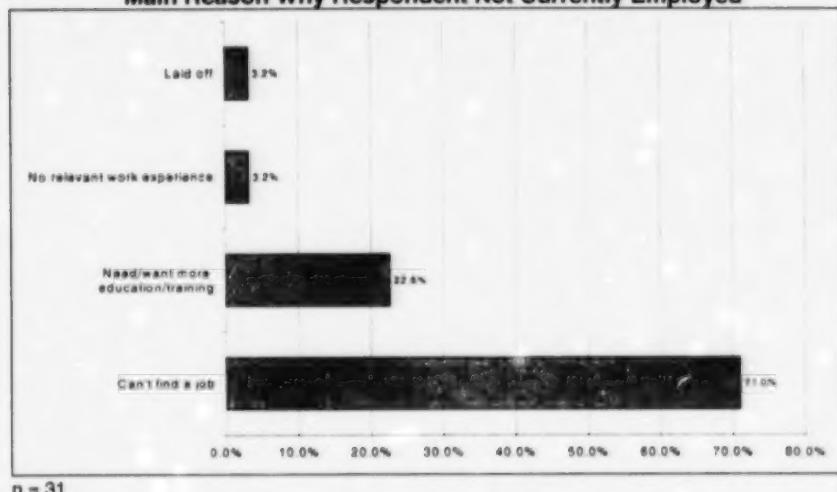
## PROFILE OF UNEMPLOYED GRADUATES BY EDUCATION LEVEL AND YEARS OF WORK EXPERIENCE

### Main Reason Why Not Working

Highlighted below in Chart 3-5C is the main reason provided by CT respondents why they were not working at the time of the survey, regardless of their pre-program status. As noted in the chart, the top reasons reported by respondents were they couldn't find a job (71.0%), they need more education or training (22.6%), they lack relevant work experience (3.2%) and they were laid off (3.2%).

- 17 graduates classified themselves as pre- and post-program unemployed and looking for work. The top reason given for being unemployed was they couldn't find work (70.6%).
- 41.2% of pre- and post-program unemployed/looking for work graduates had worked at a job or business at some time since leaving their program while 58.8% indicated that they had not worked at any job or business since completion of their program.
- 100% of this same group indicated that they had looked for employment in the last four weeks and some respondents (23.5%) stated that they had searched for work in their field of study.

**Chart 3-5C**  
**Post-Program - Not Working/Looking for Work**  
**Main Reason Why Respondent Not Currently Employed**



#### Educational Profile

The Key Statistics table provides a general educational profile of all CT graduates by employment status. Analysis of the data suggests:

- Many pre- and post-program unemployed/looking for work graduates had completed a college diploma (23.5%) prior to enrolling in their program. There did not appear to be any striking differences on the basis of education or training completed as a smaller proportion of employed graduates had previously completed a college diploma.
- Only one unemployed graduate had completed previous educational training (high school) outside of Canada.
- Three of the 17 graduates who were not employed at the time of the interview have taken further training since the completion of their program. Regarding the type of further education that respondents had been involved in, 33.3% have taken a trade/vocational certificate and 66.7% have completed a community college diploma/certificate program.
- 33.3% of respondents who took further training had completed their additional training at the time of survey administration.
- Respondents were asked to provide their main reason for enrolling in further studies upon completion of their program. One respondent indicated their main reason for undertaking further studies was for general interest. Another cited career advancement as the reason for taking further training.

#### Level of Paid/Unpaid Work Experience

The following analysis is based on 17 responses provided by pre- and post-program unemployed/looking for work graduates.

## 3.5

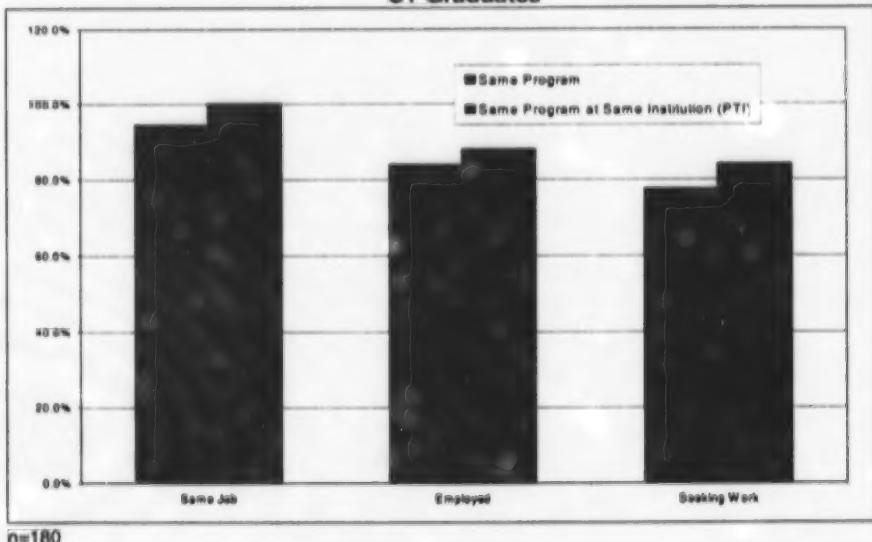
- 41.2% of unemployed respondents had paid related work experience prior to taking their program. Almost three-quarters (71.4%) of respondents had three or more years of paid work experience in Canada and 14.3% of respondents had three or more years of work experience outside of Canada.
- Respondents were asked to indicate whether they had any unpaid or volunteer work related to the type of job they were seeking: seven respondents indicated that they had done some unpaid or volunteer work.

### OVERALL SATISFACTION WITH THE EDUCATION AND TRAINING PROVIDED

To evaluate the quality of programs currently offered by private training institutions and the institutions themselves, respondents were asked, given their experience since completing the program, whether they would choose to study the same program again. Similarly, respondents were asked, given their experience, whether they would choose to study the same program and at the same institution again. Analysis of the data indicates that:

- Overall, 84.4% of CT graduates indicated that, given their experience since graduation, they would again enroll in a CT program. However, those graduates who were employed at the time of the interview were more positive about the program (83.8%) than were those individuals who had not found work after completion of the program (77.4% satisfaction rating).
- 88.9% of CT graduates noted that they would enroll in the same program at the same institution.

**Chart 3-5D**  
**Proportion of Graduates Who Indicated That They Would Enroll InSame Program and Same Program/Same Institution by Current Employment Status**  
**CT Graduates**



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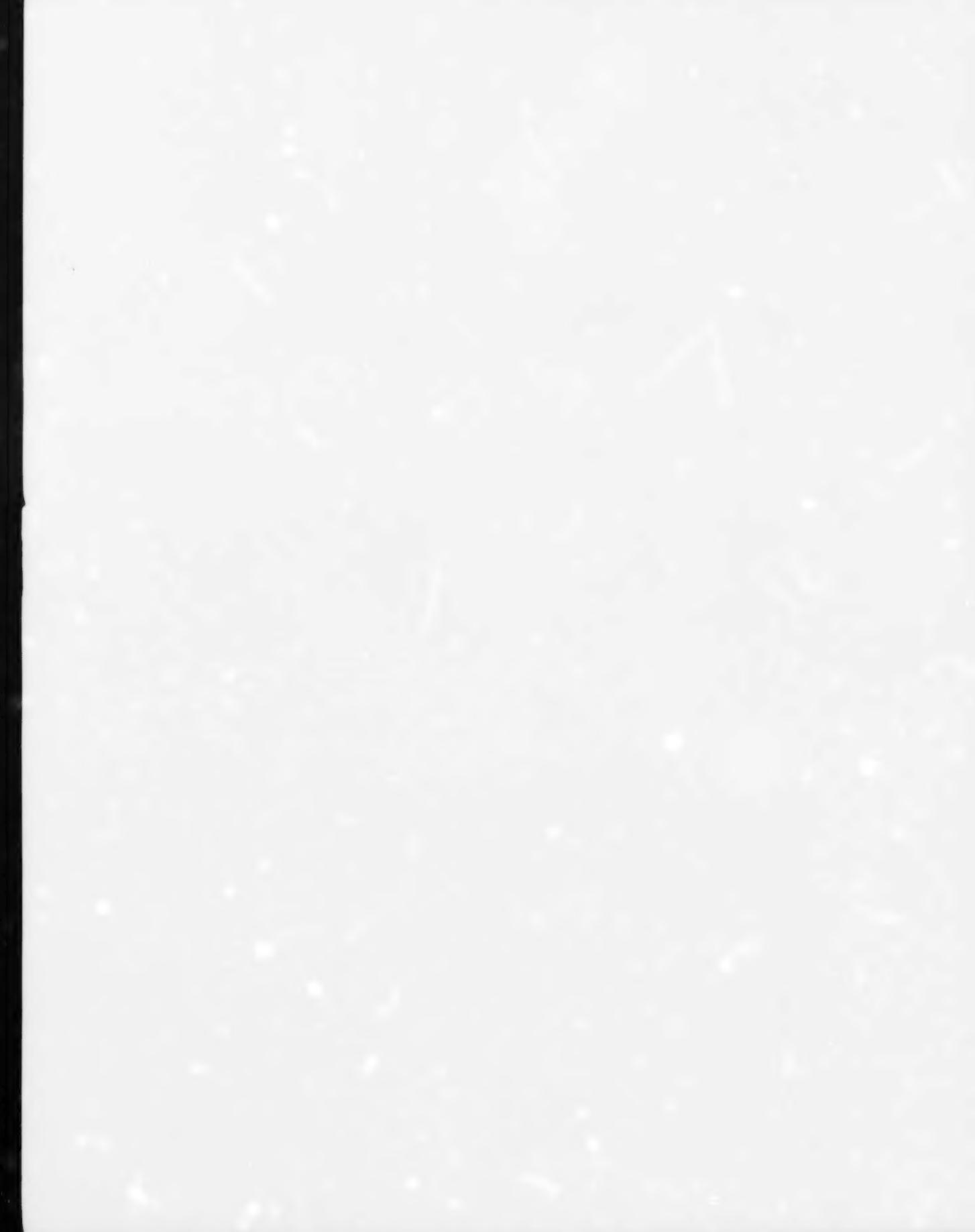
Most respondents provided open-ended comments as to why they would or would not take their respective programs again. These comments were subsequently coded into twenty-two categories of positive or negative reasons. Table 3-5E provides the top five positive and top negative reasons why students would or would not attend the same program again.

Nearly 85% of CT graduates said that they would attend their program again. Positive comments provided by the graduates included that the program provided the knowledge and skills expected by the respondents (22.1%), the program was an enjoyable experience (16.0%), and that the program was necessary to secure employment (16.0%).

Of the top five reasons why students would not enroll in the program again, the most likely reasons were the program was too general (4.9%), the program was too difficult or not enough time was allocated (4.6%) or students were unhappy with the administration (3.4%).

**Table 3-5E**  
**Why Respondents Would or Would Not Choose Program Again - CT**

<b>Respondents Who Would Choose Same Program Again</b>	
• provides knowledge/skills/training expected	22.1%
• enjoyed field of study/experience	16.0%
• found employment/necessary for employment	16.0%
• teachers were great/positive atmosphere/material well taught	9.9%
• personal interest/learned new things	4.6%
• other positive reasons	6.3%
<b>Total</b>	<b>74.1%</b>
<b>Respondents Who Would Not Choose Same Program Again</b>	
• too difficult/not enough time	4.6%
• program needs practicum	3.4%
• learned nothing new/did not meet expectations	3.0%
• program too general/not adequately prepared for job	2.7%
• poor job market/educ. not recognized	1.5%
• other negative reasons	9.9%
<b>Total</b>	<b>25.1%</b>
<b>Total</b>	<b>100.0%</b>



Most respondents provided open-ended comments as to why they would or would not take their respective programs again. These comments were subsequently coded into twenty-two categories of positive or negative reasons. Table 3-5E provides the top five positive and top negative reasons why students would or would not attend the same program again.

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•personal interest/learned new things	4.6%
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<b>Total positive reasons</b>	<b>74.9%</b>
<b>Respondents Who Would Not Choose Same Program Again</b>	
•too difficult/not enough time	4.6%
•program needs practicum	3.4%
•learned nothing new/did not meet expectations	3.0%
•program too general/not adequately prepared for job	2.7%
•poor job market/educ. not recognized	1.5%
•other negative reasons	9.9%
<b>Total negative reasons</b>	<b>25.1%</b>
<b>Total</b>	<b>100.0%</b>

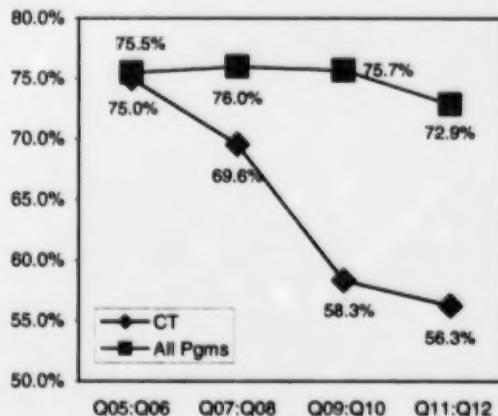
# 3.5

## LONGITUDINAL ANALYSIS

Highlighted below are the changes in the key variables for CT programs. For comparative purposes, the average across all program areas has also been included. The period analyzed includes graduates for the survey reporting period of September 1997 (Q5) to August 1999 (Q12).

### 1. Found Work Rates (previously unemployed graduates)

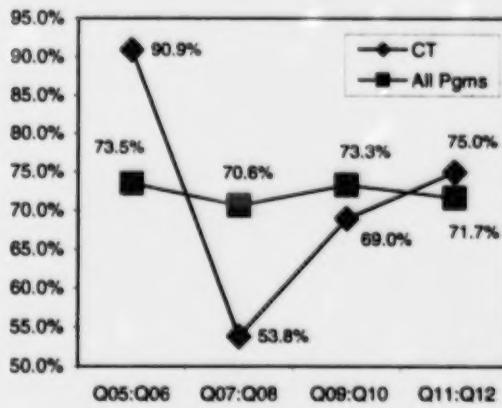
- the found work rate for previously unemployed graduates enrolled in CT programs has decreased from 58.3% for Q9:Q10 graduates to 56.3% for Q11:Q12 graduates.
- CT found work rate has remained below the all program average over time.



### 2. Usefulness of Training in Getting Employment

Previously unemployed graduates<sup>1</sup> were asked to rate the usefulness of their training in securing work.

- across all programs in each quarter, approximately seven in ten respondents reported that their training was useful or very useful.
- usefulness ratings provided by CT graduates increased from 69.0% in Q9:Q10 to 75.0% in Q11:Q12.

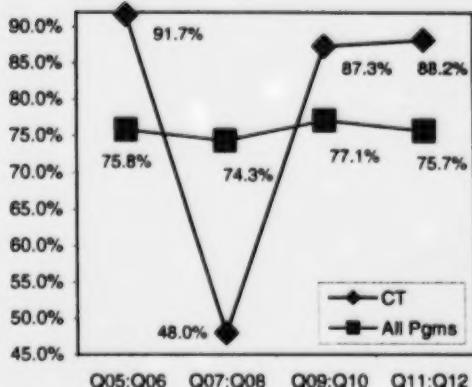


<sup>1</sup>this question was also asked of graduates who were still working for the same employer, performing the same job, but had obtained a second job after completing the program.

### 3. Usefulness of Training In Performing Work Activity

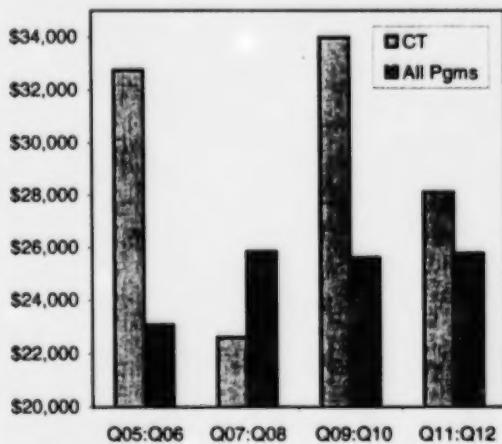
All employed graduates were asked to indicate the extent to which their training helped them perform their current work.

- satisfaction of CT graduates has improved dramatically since Q7:Q8, and is presently well above the all program average for the comparable period.



### 4. Average Salary (all graduates working full-time)

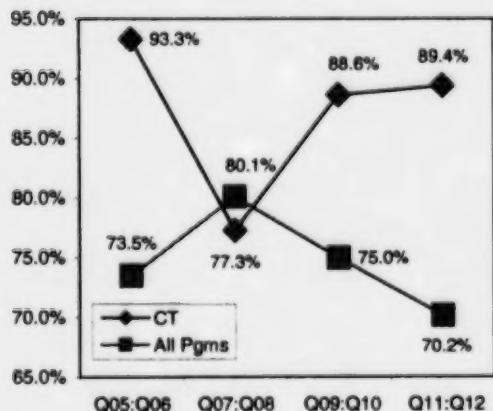
- recent CT graduates (Q11:Q12) reported average salaries of \$28,121, which represents a significant decrease as compared to Q9:Q10 salaries (\$33,993).



### 5. Overall Satisfaction With Program and Institution (all graduates)

Respondents were asked, given their experience, whether they would have enrolled in the same program at the same institution again.

- this rating increased from 77.3% for all CT graduates in Q7:Q8, to 88.6% of respondents who graduated in Q9:Q10. The upward trend continued with a increase in satisfaction (89.4%) reported by graduates in Q11:Q12.
- all program satisfaction levels have decreased steadily over the last three quarters.



3.5

### **3.6 EDUCATION (ED)**



## 3.6 Education

### KEY STATISTICS

	Characteristics	Ed			Employment Outcomes		
		Pre-Program Unemployed	Post- Program Employed	Post- & Post- Program, Unemployed	All Ed	All Programs	Index
		n= 8	n= 59	n= 1	n= 119	n= 4181	
Demographic							
Female	%	87.5%	79.7%	100.0%	80.7%	64.1%	1.26
Male	%	12.5%	20.3%	n/a	19.3%	35.9%	0.54
Aboriginal	%	12.5%	16.9%	n/a	21.0%	5.3%	3.96
Visible Minority	%	12.5%	6.8%	n/a	8.4%	18.5%	0.45
Long-term Health Condition	%	37.5%	22.0%	100.0%	18.0%	9.0%	1.77
Age: 30 years and less	%	75.0%	32.2%	n/a	28.6%	43.0%	0.87
31-45 years	%	25.0%	50.8%	100.0%	52.9%	40.2%	1.32
46+ years	%	n/a	16.9%	n/a	18.5%	18.3%	1.13
Region							
Vancouver Island	%	12.5%	3.4%	n/a	2.5%	20.7%	0.12
Lower Mainland	%	75.0%	81.0%	100.0%	81.3%	63.8%	0.98
Thompson-Okanagan	%	12.5%	25.4%	n/a	15.1%	9.8%	1.54
Kootenay	%	n/a	1.7%	n/a	0.8%	1.0%	0.83
Cariboo	%	n/a	3.4%	n/a	10.9%	1.8%	5.97
North Coast	%	n/a	n/a	n/a	2.5%	0.2%	10.46
Nechako	%	n/a	1.7%	n/a	3.4%	0.2%	15.50
Northeast	%	n/a	n/a	n/a	n/a	0.2%	n/a
Outside B.C./Canada	%	n/a	3.4%	n/a	3.4%	2.2%	1.53
Highest Level of Education							
Less than Grade 12	%	12.5%	8.5%	n/a	9.2%	11.1%	0.83
High School Graduate	%	25.0%	33.9%	n/a	23.5%	27.1%	0.87
Registered Apprentice	%	25.0%	10.2%	n/a	9.2%	15.1%	0.81
College Diploma	%	25.0%	23.7%	100.0%	26.8%	20.9%	1.36
University-Non Degree	%	n/a	3.4%	n/a	3.4%	2.4%	1.38
Bachelor's Degree	%	n/a	8.5%	n/a	9.2%	8.8%	1.06
Post Graduate Degree	%	n/a	1.7%	n/a	3.4%	4.0%	0.85
Other/did not complete program	%	12.5%	10.2%	n/a	13.4%	10.4%	1.29
English Ability							
Reading English - Very Good	%	100.0%	88.1%	100.0%	88.6%	78.8%	1.10
Written English - Very Good	%	100.0%	88.4%	100.0%	84.9%	75.7%	1.12
Spoken English - Very Good	%	87.5%	94.9%	100.0%	92.4%	85.1%	1.09
Paid Work							
Paid Related Work Experience <sup>(10)</sup>	%	66.7%	51.5%	n/a	53.5%	48.9%	1.14
Unpaid Related Work Experience <sup>(10)</sup>	%	66.7%	54.5%	100.0%	55.8%	26.8%	2.10

Note: Totals may not add to 100% due to missing data/no responses.

- Footnotes:
1. Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" n = 4,181
  2. Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers<1.00 are below average.
  3. # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.
  4. # found work / (# found work + # looking for work).
  5. Excludes self-employed graduates.
  6. % includes those respondents who found work while in their program.
  7. Full-time defined as working more than 30 hours per week.
  8. % who would enroll again.
  9. Excluding N/A responses.
  10. Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

# 3.6

## 3.6 Education

### KEY STATISTICS

	Characteristics	Ed			Employment Outcomes		
		Pre-Program Unemployed	Post- Program Employed	Pre & Post Program Unemployed	Ed	All Programs	Index
Off Work	Not working/seeking employment	%	n/a	8.5%	n/a	6.7%	30.2%
	Working	%	n/a	37.3%	n/a	56.3%	40.7%
	Not working/unavailable to work	%	n/a	52.8%	n/a	36.3%	28.9%
Off Resp	Found new/different work	%	62.5%	100.0%	n/a	57.1%	60.1%
	Same work/same employer	%	n/a	n/a	n/a	26.1%	13.2%
	Not working/seeking employment	%	12.5%	n/a	n/a	5.0%	15.9%
	Not working/unavailable to work	%	25.0%	n/a	n/a	10.9%	10.6%
	Found Work Calculation <sup>(1)</sup>	%	83.3%	n/a	n/a	91.9%	79.0%
	Employed in training-related work	%	100.0%	69.5%	n/a	69.5%	74.3%
	Usefulness of training in getting work <sup>(2)</sup>	%	100.0%	78.1%	n/a	78.1%	72.1%
	Usefulness of training in performing work	%	100.0%	72.9%	n/a	72.9%	76.1%
	Found work while in program <sup>(3)</sup>	%	n/a	26.4%	n/a	23.7%	24.1%
Off Employed	Found work within 8 weeks of grad <sup>(4)</sup>	%	60.0%	84.8%	n/a	84.8%	79.0%
	Avg. Salary of Full-Time workers <sup>(5)</sup>	\$/yr	\$29,920	\$25,125	n/a	\$27,985	\$26,454
	Avg. Salary of Part-Time workers <sup>(5)</sup>	\$/yr	\$8,400	\$13,672	n/a	\$15,413	\$13,381
	Overall satisfaction with program <sup>(6)</sup>	%	75.0%	94.9%	n/a	89.1%	78.0%
% of Respondents Satisfied	Overall satisfaction with program and institute <sup>(6)</sup>	%	62.5%	78.3%	n/a	79.8%	71.8%
	Program Content	%	87.5%	79.7%	n/a	83.2%	75.7%
	Instruction	%	75.0%	78.0%	n/a	80.7%	75.5%
	Learning Materials	%	50.0%	62.7%	n/a	68.1%	70.9%
	Computer Hardware <sup>(7)</sup>	%	n/a	35.7%	n/a	35.7%	68.9%
	Computer Software <sup>(7)</sup>	%	n/a	46.2%	n/a	40.0%	75.2%
	Equip. Other Than Computers <sup>(7)</sup>	%	100.0%	75.0%	n/a	73.8%	69.0%
Goals	Main reason for enrolling was met	%	87.5%	89.8%	n/a	88.2%	80.5%
	Program provided skills expected	%	87.5%	96.3%	n/a	95.0%	90.2%

Note: Totals may not add to 100% due to missing data/no response.

- Poofnotes:
- Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" n = 4,181
  - Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers<1.00 are below average.
  - # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.
  - # found work / (# found work + # looking for work).
  - Excludes self-employed graduates.
  - % Includes those respondents who found work while in their program.
  - Full-time defined as working more than 30 hours per week.
  - % who would enroll again.
  - Excluding N/A responses.
  - Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

## 3.6 Education

### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n>0. Statistics are not detailed separately for CIP areas with small sample sizes.

Characteristics		Ed		All Programs		n= 4,151
		n= 10	n= 94	n= 58	n= 119	
Female	%	90.0%	66.7%	92.7%	90.7%	64.1%
Male	%	10.0%	33.3%	7.3%	9.3%	35.9%
Aboriginal	%	n/a	35.2%	10.9%	21.0%	5.3%
Visible Minority	%	30.0%	9.3%	3.6%	8.4%	18.5%
Long-term Health Condition	%	n/a	27.8%	7.9%	16.0%	9.0%
Age: 30 years and less	%	80.0%	20.4%	27.1%	28.6%	43.0%
31-45 years	%	10.0%	59.3%	54.5%	52.9%	40.2%
46+ years	%	10.0%	20.4%	18.2%	18.5%	16.3%
Vancouver Island	%	n/a	8.6%	n/a	2.6%	20.7%
Lower Mainland	%	100.0%	85.2%	30.9%	61.3%	63.8%
Thompson-Okanagan	%	n/a	1.9%	30.9%	15.1%	9.8%
Kootenay	%	n/a	n/a	1.8%	0.8%	1.0%
Cariboo	%	n/a	1.9%	21.8%	10.9%	1.8%
North Coast	%	n/a	1.9%	3.6%	2.5%	0.2%
Nechako	%	n/a	n/a	7.3%	3.4%	0.2%
Northeast	%	n/a	n/a	n/a	0.2%	n/a
Outside B.C./Canada	%	n/a	3.7%	3.6%	3.4%	2.2%
Highest Level of Education	%					
Less than Grade 12	%	30.0%	9.3%	5.9%	8.2%	11.1%
High School Graduate	%	20.0%	14.9%	32.7%	23.5%	27.1%
Registered Apprentice	%	20.0%	9.3%	7.3%	9.2%	15.1%
College Diploma	%	20.0%	35.2%	23.6%	28.6%	20.9%
University-Non Degree	%	n/a	3.7%	3.6%	3.4%	2.4%
Bachelor's Degree	%	n/a	16.7%	3.6%	9.2%	8.8%
Post Graduate Degree	%	n/a	1.9%	5.9%	3.4%	4.0%
Other/did not complete program	%	10.0%	9.3%	18.2%	13.4%	10.4%
English Abilities	%					
Reading English - Very Good	%	60.0%	92.6%	86.5%	86.6%	78.8%
Written English - Very Good	%	70.0%	92.6%	80.0%	84.9%	75.7%
Spoken English - Very Good	%	70.0%	96.3%	92.7%	92.4%	85.1%
Prev Work						
Paid Related Work Experience <sup>(10)</sup>	%	50.0%	52.6%	55.0%	53.5%	48.9%
Unpaid Related Work Experience <sup>(10)</sup>	%	50.0%	47.4%	65.0%	58.8%	26.6%

Note: Totals may not add to 100% due to missing data/no response.

- Footnotes:
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  4. # found work / (# found work + # looking for work)
  5. Excludes self-employed graduates
  6. % includes those respondents who found work while in their program
  7. Full-time defined as working more than 30 hours per week
  8. % who would enroll again
  9. Excluding N/A responses
  10. Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work

# 3.6

## 3.6 Education

### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n<9. Statistics are not detailed separately for CIP areas with small sample sizes.

		Total	Full-time	Part-time	All Graduates	
	Training type					
	Not working/seeking employment	n= 10	n= 54	n= 55	n= 119	n= 4151
On Program	Working	%	50.0%	44.4%	59.1%	40.7%
	Not working/unavailable to work	%	40.0%	40.7%	29.1%	28.9%
	Found new/different work	%	60.0%	59.3%	54.5%	60.1%
Off Program	Same work/same employer	%	n/a	18.5%	38.2%	26.1%
	Not working/seeking employment	%	n/a	11.1%	n/a	5.0%
	Not working/unavailable to work	%	40.0%	11.1%	5.5%	10.6%
	Found Work Calculation <sup>(1)</sup>	%	n/a	84.2%	n/a	91.9%
Employment	Employed in training-related work	%	100.0%	73.3%	80.0%	89.5%
	Usefulness of training in getting work <sup>(2)</sup>	%	100.0%	91.7%	84.7%	78.1%
	Usefulness of training in performing work	%	100.0%	80.0%	80.0%	72.9%
	Found work while in program <sup>(3)</sup>	%	25.0%	33.3%	12.0%	23.7%
	Found work within 8 weeks of grad <sup>(4)</sup>	%	n/a	n/a	5.9%	84.8%
	Avg. Salary of Full-Time workers <sup>(5)</sup>	\$/yr	\$19,286	\$26,602	\$34,681	\$27,965
	Avg. Salary of Part-Time workers <sup>(6)</sup>	\$/yr	n/a	\$16,783	\$15,048	\$15,413
	Overall satisfaction with program <sup>(7)</sup>	%	80.0%	81.5%	86.4%	80.1%
Satisfaction	Overall satisfaction with program and institute <sup>(8)</sup>	%	80.0%	77.8%	80.0%	79.8%
	Program Content	%	80.0%	87.0%	78.2%	83.2%
	Instruction	%	80.0%	63.3%	76.4%	80.7%
	Learning Materials	%	80.0%	63.0%	70.9%	88.1%
	Computer Hardware <sup>(9)</sup>	%	n/a	22.7%	50.0%	35.7%
	Computer Software <sup>(10)</sup>	%	n/a	33.3%	47.4%	40.0%
	Equip. Other Than Computers <sup>(11)</sup>	%	33.3%	75.0%	78.0%	73.8%
Goals	Main reason for enrolling was met	%	100.0%	87.0%	87.3%	88.2%
	Program provided skills expected	%	100.0%	80.7%	98.2%	90.0%

Note: Totals may not add to 100% due to missing data/no responses.

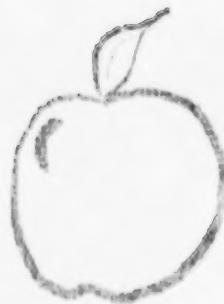
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- # found work / (# found work + # looking for work)
- Excludes self-employed graduates
- % includes those respondents who found work while in their program
- Full-time defined as working more than 30 hours per week
- % who would enroll again
- Excluding N/A responses
- Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

## Education (ED)

### KEY CHARACTERISTICS

Female/male ratio	4.18:1
Overall satisfaction with program	89.1%
Pre-program employed	56.3%
Post-program employed	83.2%
Went on to new or different job after completed program	57.1%
Average length of time taken to find work	4.6 weeks
Employed in training-related work	69.5%
Average salary (full-time workers)	\$27,965



### INCLUDED IN THIS PROGRAM

13.1399 Teacher Ed., Specific Academic & Vocational Programs, Other

13.0501 Teacher Assistant/Aide

In this survey administration period, ED was characterized by a 74.8% response rate, based on a valid sample of 159 graduates. The not-in-service rate for ED graduates was 20.1%.

### PRE-PROGRAM/POST-PROGRAM STATUS OF TRAINEES

#### All Graduates

All survey participants who had completed 75% or more of their program requirements were asked to detail what activities they had been doing prior to enrolling in a ED program as well as their status six months after graduation.

As highlighted in the Key Statistics table, of the 119 ED graduates surveyed:

- 6.7% noted that they had not been working but were seeking employment prior to enrolling in the program;
- a significantly higher proportion noted that they had been working (56.3%);
- and 35.3% of graduates had not been working nor actively looking for work.

Program graduates were contacted six months after completion of their program to ascertain their employment status. As highlighted in the Key Statistics table:

- over eight of ten (83.2%) ED graduates indicated that they were working – either at the same job with the same employer (26.1%) or at a new or different job (57.1%);
- 5.0% of graduates stated that they were unemployed and actively seeking work.

#### Excluding Graduates That Are Unavailable for Work

To develop an accurate profile of the impacts of private training, pre- and post-program employment status was also analyzed excluding those graduates who were unavailable

# 3.6

to work or not seeking work. Students in this category may be unavailable for a variety of reasons that make it difficult to seek employment (e.g. illness, taking care of family, going to school). Table 3-6A focuses on the employment status of those who were working, or unemployed and seeking work.

**Table 3-6A**  
**Pre- and Post-Program Employment Status – ED Graduates**  
**Excluding Graduates Not Seeking Employment**

Status	Pre-Program	Post-Program
Not working/seeking employment	20.7%	6.3%
Working (same job/same employer)	79.3%	32.3%
Found new/different job <sup>1</sup>	n/a	61.5%

n = 29 for pre-program status and n = 96 for post program status

<sup>1</sup>includes those respondents who were with the same employer, but doing a different job

## Previously Unemployed Graduates

A key issue of the survey is to identify the effectiveness of the training provided in assisting previously unemployed program participants (who were seeking employment) to find work. For example, of the survey participants who graduated from an ED program, 8 or 6.7% indicated that they had not been working and were seeking employment prior to their enrolment in the program. Analysis of the outcomes associated with this group six months after graduation indicates that **62.5% of these previously unemployed graduates were now working** at the time of the interview and just over one-tenth (12.5%) were unemployed and still looking for work.

Found work rates are used to assess the effectiveness in helping previously unemployed participants find work. Found work rates exclude graduates who were unavailable and not looking for work after their program was completed (see section 1.4 for a definition of found work rates). Based on information collected for Q9 to Q12 (March 1998 to February 1999) graduates, the found work rate for previously unemployed ED graduates was calculated to be 83.3% (e.g., 83.3% of those respondents available to work were working at the time of the interview).

The found work rate calculation indicates that of those graduates who were pre-program unemployed (and looking for work), approximately three-quarters of graduates had found work when surveyed six months after graduating from this program.

*"They taught me skills that I could use in an actual job, and how to deal with all kinds of people. It is a well-structured program and the instructors make sure that the students understand the material."*

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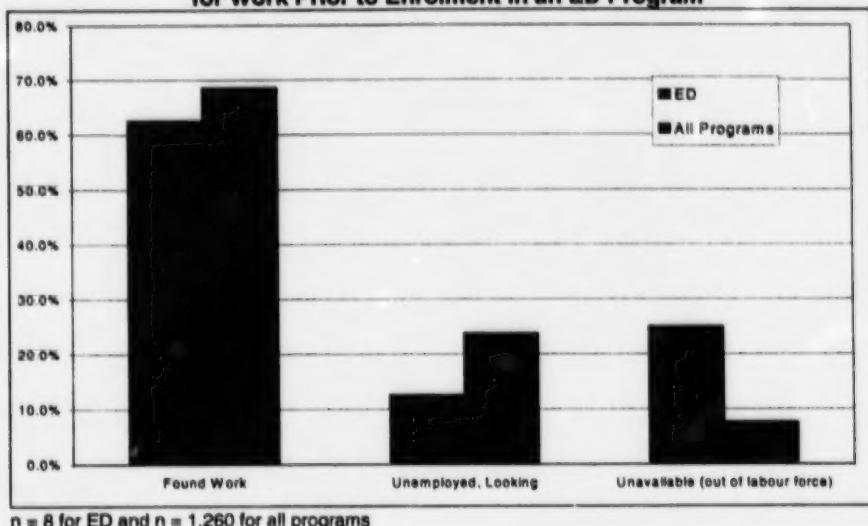
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**Chart 3-6A**  
**Post-Program Status of Graduates Who Were Looking**  
**for Work Prior to Enrolment in an ED Program**



n = 8 for ED and n = 1,260 for all programs

#### TYPE OF WORK FOUND BY PTI GRADUATES WHO WERE PREVIOUSLY UNEMPLOYED

Further analysis of the graduates who were not working prior to enrolling in an institution was carried out to determine what kinds of jobs and in what industries graduates were finding employment.

Detailed in Table 3-6B are the top five occupations and top five industries in which ED graduates found work. Students were asked during the survey to provide their job title, duties and type of industry that they were employed in. Responses were coded according to the National Occupational Classification (NOC) and North American Industry Classification System (NAICS) [previously known as Standard Industry Classification – SIC].

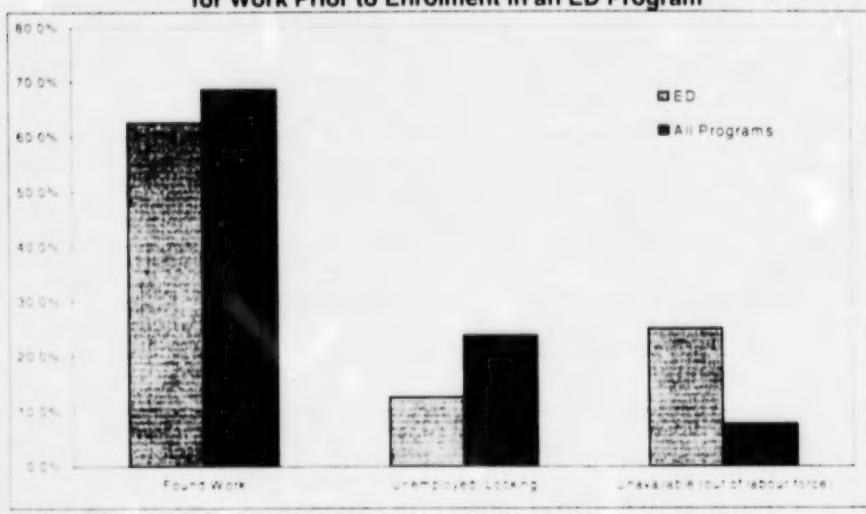
*"It is a very real and applicable program to my professional and personal life. The training was focused on the tools of living rather than just pre-packaged answers."*

**Table 3-6B**  
**Identification of Key Occupations and Industries In Which Previously Unemployed PTI  
Graduates Found Employment - ED**

Top Five Occupations (% share)		Top Five Industries (% share)	
Elementary and Secondary School Teacher Assistants	13.6%	Elementary and Secondary School Teaching Assistants	22.2%
Other Instructors	11.4%	Social Advocacy Organizations	11.1%
Community and Social Service Workers	9.1%	Civic and Social Organizations	11.1%
Elementary School and Kindergarten Teachers	8.0%	Child Day-Care Services	11.1%
Other Aides and Assistants in Support of Health Services	4.2%	Men's Clothing Store	11.1%



**Chart 3-6A**  
**Post-Program Status of Graduates Who Were Looking  
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Elementary School and Kindergarten Teachers 8.0%	Child Day-Care Services 11.1%
Other Aides and Assistants in Support of Health Services 4.2%	Men's Clothing Store 11.1%
<b>% Share of five occupations</b>	<b>% Share of five industries</b>
<b>46.6%</b>	<b>66.7%</b>

*"It is a very real and applicable program to my professional and personal life. The training was focused on the tools of living rather than just pre-packaged answers."*

## 3.6

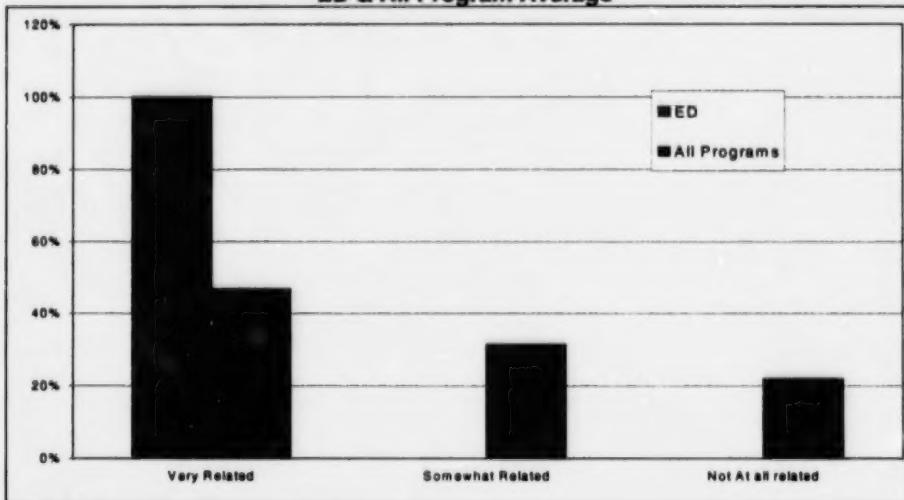
*"It gave me concrete skills to support people. It taught me a great deal about myself in how I relate to others. It taught me to be professional, how to job hunt, and how to do lesson plans."*

Analysis was also completed to establish the extent to which work found by previously unemployed graduates generally matched the training provided (e.g. proportion of previously unemployed graduates who found work in a training-related area).

For those graduates who were pre-program unemployed, 100% reported that they found work in a training-related area. These graduates also reported high levels of satisfaction with the type of training provided – 100% reported that their training was very useful or useful in getting work, and 100% reported that their training was very useful or useful in performing work.

Chart 3-6B highlights the percentage of graduates who report that they found work that was very related (100%) to the training provided.

**Chart 3-6B**  
**"Match" Between Training Provided and Work Found**  
**Graduates Who Were Unemployed and Seeking Work Prior to Enrolment in a PTI**  
**ED & All Program Average**



### AVERAGE LENGTH OF TIME TAKEN TO FIND WORK

Survey participants who were unemployed (pre-program) and who were seeking employment were asked to indicate the length of time (in weeks) they spent actively looking for their current employment. Analysis of the data indicates that:

- None of the previously unemployed ED graduates noted that they had found work while enrolled in the program;
- 60.0% indicated that they had secured employment within two months of graduation, this is below the all program average of 80.6%.

**Table 3-6C****Time Taken to Find Work – Pre-Program Unemployed (Seeking Employment)****ED and All Program Average**

	<b>ED</b>	<b>All Programs<sup>1</sup></b>
Total number unemployed (pre-program) and seeking employment	8	1255
% who found employment	62.5%	68.6%
% who were unemployed but unavailable to work	25.0%	7.6%
of those who were employed <sup>2</sup> :	5	732
% who found employment while enrolled in the program	0.0%	29.5%
Less than 5 weeks after graduation	40.0%	40.2%
5-8 weeks after graduation	20.0%	10.9%
9-12 weeks after graduation	0.0%	6.3%
13-20 weeks after graduation	40.0%	7.9%
more than 20 weeks after graduation	0.0%	3.1%
don't know	0.0%	2.0%
Total – 2 months or less after graduation <sup>3</sup>	60.0%	80.6%

<sup>1</sup> excludes self-employed respondents and those respondents with a paid job to start at a definite date in the future.

<sup>2</sup> includes those respondents that found work while enrolled in the program.

## EARNINGS OF PTI GRADUATES

Graduates who had found employment, or were working in new or different jobs, were asked to provide an estimate of their current earnings. As many individuals noted that they worked on a part-time basis, caution should be used in the interpretation of the wage information. In order to accurately reflect annual earnings on a full-time basis, wage data is reported for two groups: part-time basis (those who work 30 hours or less per week) and full-time workers (those who work more than 30 hours per week).

Review of the information provided by ED graduates indicates that:

- On average, ED graduates who were working on a part-time basis (30 hours or less per week) reported an estimated average annual salary of \$15,413; graduates who were working on a full-time basis (more than 30 hours per week) reported an average annual salary of \$27,965.
- There was a small difference in the average annual salary on the basis of respondents pre-program status: those graduates who had been working prior to starting the program earned \$29,187 per year – which was slightly lower than the \$29,920 per year earned by PTI graduates who found new or different work after completing their program.

# 3.6

**Table 3-6D**  
**Estimated Average Annual Earnings of ED Graduates**  
**by Pre-Program and Current Employment Status**

	Unemployed and Looking for Work Prior to Program		Employed Prior to Program		Program Average <sup>1</sup>	
	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time
Number Reporting	1	4	27	26	48	44
Estimated Average Annual Salary	\$8,400	\$29,920	\$16,916	\$29,187	\$15,413	\$27,965

<sup>1</sup>Includes all respondents irrespective of pre-program status (employed, unemployed and unemployed not available to work)

Note: Part-time defined as 30 hours or less per week

Full-time defined as more than 30 hours per week

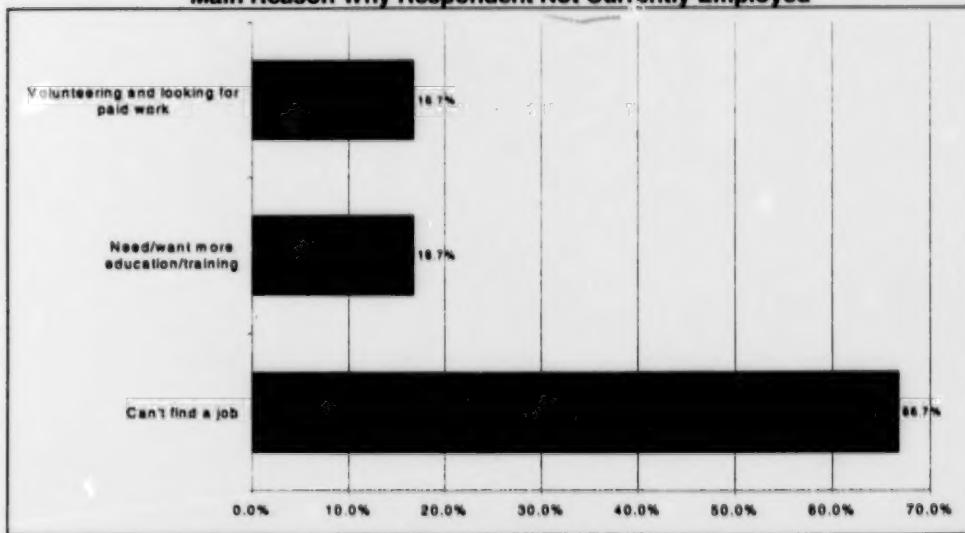
## PROFILE OF UNEMPLOYED GRADUATES BY EDUCATION LEVEL AND YEARS OF WORK EXPERIENCE

### Main Reason Why Not Working

Highlighted below in Chart 3-6C is the main reason provided by ED respondents why they were not working at the time of the survey, regardless of their pre-program status. As noted in the chart, the top three reasons reported by respondents were they couldn't find a job (66.7%), need for more education or training (16.7%) and volunteering and looking for paid work (16.7%).

- Only one graduate classified themselves as pre- and post-program unemployed and looking for work.

**Chart 3-6C**  
**Post-Program - Not Working/Looking for Work**  
**Main Reason Why Respondent Not Currently Employed**



n = 6

**Educational Profile****Level of Paid/Unpaid Work Experience**

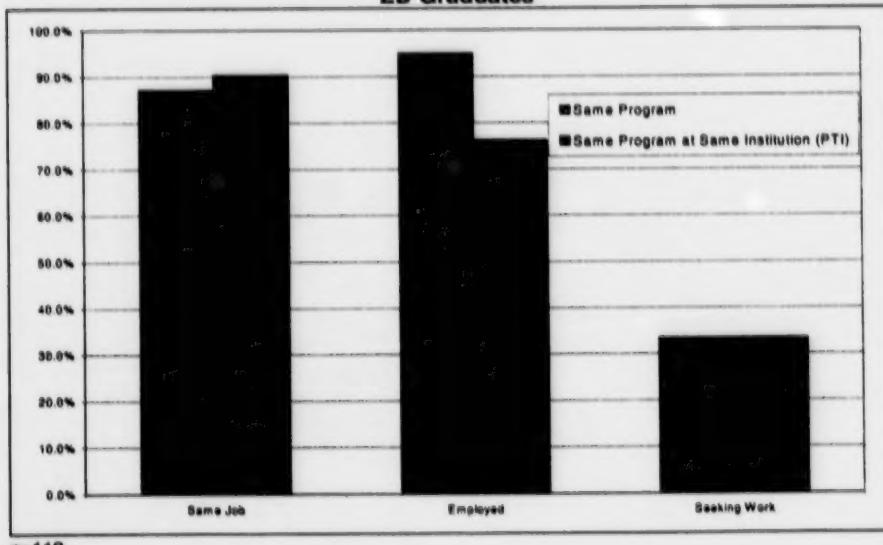
These two sections are not included for the ED program category as there was only one respondent classified as pre- and post- program unemployed.

### **OVERALL SATISFACTION WITH THE EDUCATION AND TRAINING PROVIDED**

To evaluate the quality of programs currently offered by private training institutions and the institutions themselves, respondents were asked, given their experience since completing the program, whether they would choose to study the same program again. Similarly, respondents were asked, given their experience, whether they would choose to study the same program and at the same institution again. Analysis of the data indicates that:

- Overall, 89.1% of ED graduates indicated that, given their experience since graduation, they would again enroll in an ED program. However, those graduates who were employed at the time of the interview were significantly more positive about the program (95.0%) than were those individuals who had not found work after completion of the program (33.3% satisfaction rating).
- 79.8% of ED graduates noted that they would enroll in the same program at the same institution.

**Chart 3-6D**  
**Proportion of Graduates Who Indicated That They Would Enroll InSame Program and Same Program/Same Institution by Current Employment Status**  
**ED Graduates**



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36

Most respondents provided open-ended comments as to why they would or would not take their respective programs again. These comments were subsequently coded into twenty-two categories of positive or negative reasons. Table 3-6E provides the top five positive and top negative reasons why students would or would not attend the same program again.

Nearly 90% of ED graduates said that they would attend their program again. Positive comments provided by the graduates included that the program provided the knowledge and skills expected by the respondents (24.9%), the program was an enjoyable experience (17.8%), and that the program was necessary to secure employment (14.2%).

Of the top five reasons why students would not enroll in the program again, the most likely reasons were the program was too general (3.0%), the program was too difficult or not enough time was allocated (3.0%) or students were unhappy with the administration (1.8%).

**Table 3-6E**  
**Why Respondents Would or Would Not Choose Program Again - ED**

Respondents Who Would Choose Same Program Again	
•provides knowledge/skills/training expected	24.9%
•enjoyed field of study/experience	17.8%
•personal interest/learned new things	14.2%
•teachers were great/positive atmosphere/material well taught	13.0%
•found employment/necessary for employment	12.4%
•other positive reasons	3.6%
<b>Total positive reasons</b>	<b>85.8%</b>
Respondents Who Would Not Choose Same Program Again	
•poor job market/educ. not recognized	3.0%
•unhappy with administration/instruction, etc.	3.0%
•program too general/not adequately prepared for job	1.8%
•learned nothing new/did not meet expectations	1.2%
•program needs practicum	1.2%
•other negative reasons	4.0%
<b>Total negative reasons</b>	<b>14.2%</b>
<b>Total</b>	<b>100.0%</b>

# 3.6

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•provides knowledge/skills/training expected	24.9%
•enjoyed field of study/experience	17.8%
•personal interest/learned new things	14.2%
•teachers were great/positive atmosphere/material well taught	13.0%
•found employment/necessary for employment	12.4%
•other positive reasons	3.6%
<b>Total positive (reasons)</b>	<b>100.0%</b>
Respondents Who Would Not Choose Same Program Again	
•poor job market/educ. not recognized	3.0%
•unhappy with administration/instruction, etc.	3.0%
•program too general/not adequately prepared for job	1.8%
•learned nothing new/did not meet expectations	1.2%
•program needs practicum	1.2%
•other negative reasons	4.0%
<b>Total</b>	<b>14.2%</b>
<b>Total</b>	<b>100.0%</b>

## LONGITUDINAL ANALYSIS

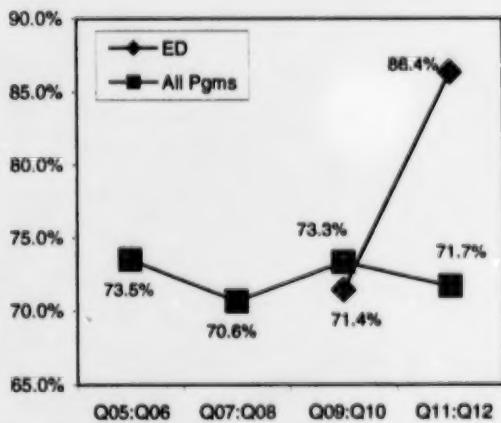
Highlighted below are the changes in the key variables for ED programs. For comparative purposes, the average across all program areas has also been included. The period analyzed includes graduates for the survey reporting period of September 1997 (Q5) to August 1999 (Q12). There were only a limited number of graduates within ED for Q5:Q6 and Q7:Q8. Data has not been reported in those instances where there were 10 or fewer respondents.

- 1. Found Work Rates (previously unemployed graduates)**
- due to the small sample size, the found work rates for ED are not available

- 2. Usefulness of Training in Getting Employment**

Previously unemployed graduates<sup>1</sup> were asked to rate the usefulness of their training in securing work.

- across all programs in each quarter, approximately seven in ten respondents reported that their training was useful or very useful.
- usefulness ratings provided by ED graduates increased from 71.4% in Q9:Q10 to 86.4% in Q11:Q12.



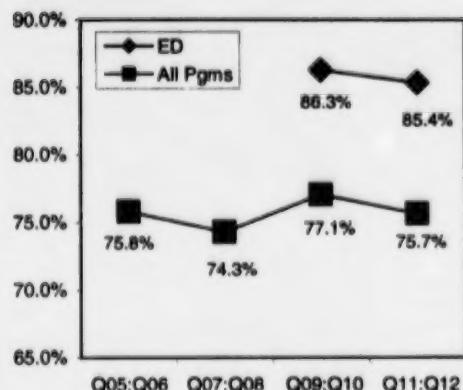
<sup>1</sup>this question was also asked of graduates who were still working for the same employer, performing the same job, but had obtained a second job after completing the program.

# 3.6

## 3. Usefulness of Training in Performing Work Activity

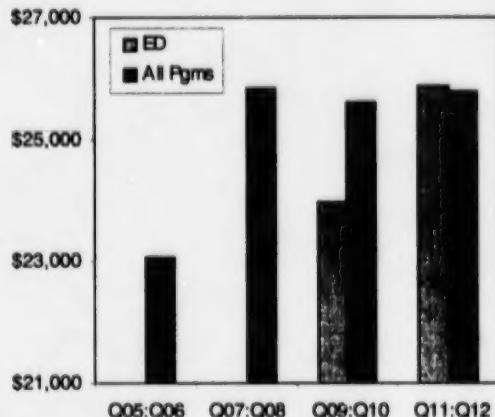
All employed graduates were asked to indicate the extent to which their training helped them perform their current work.

- satisfaction of ED graduates has decreased only slightly since Q9:Q10, and has remained above the all program average for the comparable period.



## 4. Average Salary (all graduates working full-time)

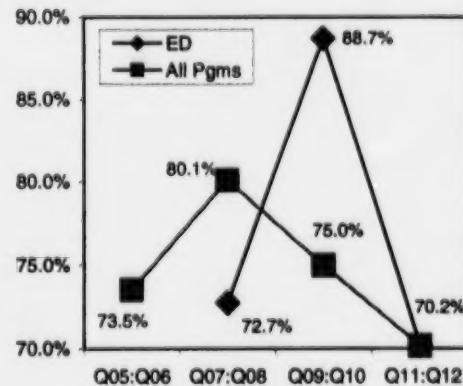
- recent ED graduates (Q11:Q12) reported average salaries of \$25,863, which represents an increase as compared to Q9:Q10 salaries (\$23,976)



## 5. Overall Satisfaction With Program and Institution (all graduates)

Respondents were asked, given their experience, whether they would have enrolled in the same program at the same institution again.

- this rating increased from 72.7% for all ED graduates in Q7:Q8, to 88.7% of respondents who graduated in Q9:Q10. The trend reversed with a decrease in satisfaction (70.2%) reported by graduates in Q11:Q12.
- overall, (all program) satisfaction levels have decreased steadily over the last three quarters.



### **3.7 VISUAL AND PERFORMING ARTS (VPA)**



## 3.7 Visual & Performing Arts

### KEY STATISTICS

	Characteristics	VPA					
		Post-Program Employment	Post-Program Employment	Post & Post-Program Employment	Employment	All Programs	Index
		n= 48	n= 140	n= 10	n= 234	n= 4181	
Demographics	Female	%	22.9%	38.6%	10.0%	38.0%	64.1% 0.59
	Male	%	77.1%	61.4%	90.0%	62.0%	35.9% 1.72
	Aboriginal	%	2.1%	1.4%	10.0%	2.1%	5.3% 0.40
	Visible Minority	%	2.1%	7.1%	10.0%	10.7%	18.5% 0.58
	Long-term Health Condition	%	8.3%	2.9%	10.0%	5.8%	9.0% 0.81
	Age: 30 years and less	%	52.1%	78.4%	40.0%	69.7%	43.0% 1.62
	31-45 years	%	37.5%	20.0%	40.0%	25.8%	40.2% 0.64
	46+ years	%	8.3%	2.9%	20.0%	4.3%	18.3% 0.26
Region	Vancouver Island	%	43.8%	32.9%	40.0%	35.5%	20.7% 1.72
	Lower Mainland	%	52.1%	57.9%	50.0%	55.1%	63.8% 0.86
	Thompson-Okanagan	%	2.1%	2.1%	10.0%	1.7%	9.8% 0.17
	Kootenay	%	n/a	n/a	n/a	0.4%	1.0% 0.42
	Cariboo	%	n/a	n/a	n/a	n/a	1.8% n/a
	North Coast	%	n/a	n/a	n/a	n/a	0.2% n/a
	Nechako	%	n/a	n/a	n/a	n/a	0.2% n/a
Highest Level of Education	Northeast	%	n/a	n/a	n/a	n/a	0.2% n/a
	Outside B.C./Canada	%	2.1%	7.1%	n/a	7.3%	2.2% 3.31
	Less than Grade 12	%	8.3%	5.7%	10.0%	5.8%	11.1% 0.50
	High School Graduate	%	18.8%	26.6%	n/a	27.4%	27.1% 1.01
	Registered Apprentice	%	16.7%	12.9%	10.0%	14.1%	15.1% 0.93
	College Diploma	%	31.3%	20.7%	50.0%	20.9%	20.9% 1.00
	University-Non Degree	%	n/a	2.1%	n/a	1.7%	2.4% 0.70
English Abilities	Bachelor's Degree	%	10.4%	11.4%	10.0%	11.1%	8.8% 1.27
	Post Graduate Degree	%	n/a	2.1%	n/a	1.7%	4.0% 0.43
	Other/did not complete program	%	14.6%	16.4%	20.0%	17.5%	10.4% 1.66
	Reading English - Very Good	%	85.4%	89.3%	80.0%	89.3%	78.8% 1.13
	Written English - Very Good	%	83.3%	87.9%	80.0%	85.9%	75.7% 1.13
	Spoken English - Very Good	%	97.9%	97.9%	90.0%	95.7%	85.1% 1.12
	Paid Related Work Experience <sup>(16)</sup>	%	66.7%	38.9%	77.8%	42.2%	46.9% 0.90
Prev Work	Unpaid Related Work Experience <sup>(16)</sup>	%	25.9%	27.4%	44.4%	34.8%	26.6% 1.31

Note: Totals may not add to 100% due to missing data/no response.

Footnotes: 1. Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs": n = 4,181

2. Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers <1.00 are below average.

3. # of graduates who found a new or different work. Does not include those respondents who were working in the same work/employer before and after the program.

4. # found work / (# found work + # looking for work).

5. Excludes self-employed graduates.

6. % includes those respondents who found work while in their program.

7. Full-time defined as working more than 30 hours per week.

8. % who would enroll again.

9. Excluding N/A responses.

10. Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

# 3.7

## 3.7 Visual & Performing Arts

### KEY STATISTICS

	Characteristics	#	VPA			Index of Employment Outcomes		
			Pre-Program Unemployed	Post- Program Employed	Pre & Post Program Unemployed	VPA	All Programs	
Spent of Recruit	Not working/seeking employment	%	n/a	22.9%	n/a	20.5%	30.2%	0.68
	Working	%	n/a	58.4%	n/a	58.8%	40.7%	1.40
	Not working/unavailable to work	%	n/a	20.7%	n/a	22.6%	28.9%	0.78
Spent of Recruit of Employed	Found new/different work	%	68.7%	100.0%	n/a	81.1%	80.1%	1.02
	Same work/same employer	%	n/a	n/a	n/a	12.0%	13.2%	0.91
	Not working/seeking employment	%	20.8%	n/a	n/a	15.0%	15.9%	0.94
	Not working/unavailable to work	%	12.5%	n/a	n/a	12.0%	10.8%	1.12
	Found Work Calculation <sup>(4)</sup>	%	78.2%	n/a	n/a	80.3%	79.0%	1.02
	Employed in training-related work	%	62.5%	55.7%	n/a	55.7%	74.3%	0.75
	Usefulness of training in getting work <sup>(5)</sup>	%	52.9%	47.4%	n/a	47.4%	72.1%	0.88
	Usefulness of training in performing work	%	68.8%	58.4%	n/a	58.4%	78.1%	0.74
	Found work while in program <sup>(6)</sup>	%	10.3%	12.9%	n/a	10.7%	24.1%	0.44
	Found work within 8 weeks of grad <sup>(7,8)</sup>	%	64.7%	74.7%	n/a	74.7%	79.0%	0.95
Spent of Recruit of Graduates	Avg. Salary of Full-Time workers <sup>(7)</sup>	\$/yr	\$29,879	\$27,573	n/a	\$27,100	\$26,454	1.02
	Avg. Salary of Part-Time workers <sup>(7)</sup>	\$/yr	\$14,734	\$14,267	n/a	\$15,152	\$13,381	1.13
	Overall satisfaction with program <sup>(9)</sup>	%	70.8%	73.8%	80.0%	72.6%	78.0%	0.93
	Overall satisfaction with program and institute <sup>(9)</sup>	%	52.1%	57.1%	40.0%	53.8%	71.8%	0.75
	Program Content	%	54.2%	59.3%	50.0%	58.1%	75.7%	0.77
	Instruction	%	58.3%	57.1%	50.0%	55.8%	75.5%	0.74
	Learning Materials	%	47.9%	49.3%	40.0%	51.3%	70.9%	0.72
	Computer Hardware <sup>(9)</sup>	%	55.3%	58.3%	40.0%	51.9%	68.9%	0.75
	Computer Software <sup>(9)</sup>	%	74.5%	74.2%	60.0%	71.4%	75.2%	0.95
	Equip. Other Than Computers <sup>(9)</sup>	%	64.9%	62.9%	50.0%	61.2%	69.0%	0.89
Goals	Main reason for enrolling was met	%	64.6%	71.4%	40.0%	69.2%	80.5%	0.86
	Program provided skills expected	%	83.3%	83.8%	80.0%	83.8%	90.2%	0.93

Note: Totals may not add to 100% due to missing data/no response.

- Footnotes:
1. Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" n = 4,181
  2. Index = Individual Program value / All Program value. The averages >1.00, numbers >1.00 are above average and numbers <1.00 are below average.
  3. # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.
  4. # found work / (# found work + # looking for work).
  5. Excludes self-employed graduates.
  6. % includes those respondents who found work while in their program.
  7. Full-time defined as working more than 30 hours per week.
  8. % who would enroll again.
  9. Excluding N/A responses.
  10. Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

### 3.7 Visual & Performing Arts

#### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n>9. Statistics are not detailed separately for CIP areas with small sample sizes.

	Characteristics	VPA			All Pre-Program			
		n=51	n=19	n=27	n=234	n=4151		
Demographics	Female	%	31.4%	100.0%	37.0%	64.1%	0.59	
	Male	%	68.6%	n/a	63.0%	35.9%	1.72	
	Aboriginal	%	n/a	5.3%	n/a	2.1%	5.3%	0.40
	Visible Minority	%	5.9%	10.5%	3.7%	10.7%	18.5%	0.58
	Long-term Health Condition	%	5.9%	10.5%	3.7%	5.6%	9.0%	0.61
	Age: 30 years and less	%	68.6%	52.6%	63.0%	69.7%	43.0%	1.82
	31-45 years	%	23.5%	42.1%	33.3%	25.6%	40.2%	0.64
	46+ years	%	5.9%	5.3%	3.7%	4.3%	16.3%	0.26
Region	Vancouver Island	%	43.1%	63.2%	25.9%	35.5%	20.7%	1.72
	Lower Mainland	%	45.1%	36.8%	74.1%	55.1%	63.8%	0.86
	Thompson-Okanagan	%	3.9%	n/a	n/a	1.7%	9.8%	0.17
	Kootenay	%	n/a	n/a	n/a	0.4%	1.0%	0.42
	Cariboo	%	n/a	n/a	n/a	n/a	1.8%	n/a
	North Coast	%	n/a	n/a	n/a	n/a	0.2%	n/a
	Nechako	%	n/a	n/a	n/a	n/a	0.2%	n/a
	Northeast	%	n/a	n/a	n/a	n/a	0.2%	n/a
	Outside B.C./Canada	%	7.8%	n/a	n/a	7.3%	2.2%	3.31
Highest Level of Education	Less than Grade 12	%	5.9%	10.5%	14.8%	5.6%	11.1%	0.50
	High School Graduate	%	15.7%	21.1%	22.2%	27.4%	27.1%	1.01
	Registered Apprentice	%	23.5%	26.3%	14.8%	14.1%	15.1%	0.93
	College Diploma	%	13.7%	21.1%	29.6%	20.9%	20.9%	1.00
	University-Non Degree	%	2.0%	n/a	n/a	1.7%	2.4%	0.70
	Bachelor's Degree	%	19.6%	n/a	n/a	11.1%	8.8%	1.27
	Post Graduate Degree	%	n/a	n/a	n/a	1.7%	4.0%	0.43
	Other/did not complete program	%	19.6%	21.1%	18.5%	17.5%	10.4%	1.68
English Abilities	Reading English - Very Good	%	90.2%	89.5%	88.9%	89.3%	78.8%	1.13
	Written English - Very Good	%	80.4%	89.5%	92.6%	85.9%	75.7%	1.13
	Spoken English - Very Good	%	92.2%	100.0%	100.0%	95.7%	85.1%	1.12
Prev Work	Paid Related Work Experience <sup>(10)</sup>	%	41.4%	33.3%	46.7%	42.2%	46.9%	0.90
	Unpaid Related Work Experience <sup>(10)</sup>	%	27.6%	50.0%	26.7%	34.8%	26.6%	1.31

Note: Totals may not add to 100% due to missing data/no response.

Footnotes: 1. Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" - n = 4,151

2. Index = Individual Program value / All Program value. The average>1.00, numbers >1.00 are above average and numbers<1.00 are below average.

3. # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.

4. # found work / # found work + # looking for work.

5. Excludes self-employed graduates.

6. % includes those respondents who found work while in their program.

7. Full-time defined as working more than 30 hours per week.

8. % who would enroll again.

9. Excluding N/A responses.

10. Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

# 3.7

## 3.7 Visual & Performing Arts

### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n>8. Statistics are not detailed separately for CIP areas with small sample sizes.

	Characteristics	GPA			Employment		Index
		n= 81	n= 19	n= 27	n= 234	n= 4181	
Off Resp	Not working/seeking employment	%	37.3%	n/a	40.7%	20.5%	30.2%
	Working	%	33.3%	78.9%	33.3%	58.8%	40.7%
	Not working/unavailable to work	%	29.4%	21.1%	25.9%	22.6%	28.9%
Off Resp	Found new/different work	%	60.8%	42.1%	70.4%	61.1%	60.1%
	Same work/same employer	%	7.8%	26.3%	11.1%	12.0%	13.2%
	Not working/seeking employment	%	13.7%	n/a	14.8%	15.0%	15.9%
Off Employed	Not working/unavailable to work	%	17.6%	31.6%	3.7%	12.0%	10.6%
	Found Work Calculation <sup>(1)</sup>	%	81.6%	n/a	82.6%	80.3%	79.0%
	Employed in training-related work	%	64.5%	50.0%	42.1%	55.7%	74.3%
Off Employed	Usefulness of training in getting work <sup>(2)</sup>	%	57.1%	50.0%	54.5%	47.4%	72.1%
	Usefulness of training in performing work	%	67.7%	33.3%	57.9%	58.4%	76.1%
	Found work while in program <sup>(3)</sup>	%	8.5%	33.3%	5.3%	10.7%	24.1%
Off Employed	Found work within 8 weeks of grad <sup>(4), (5)</sup>	%	15.0%	n/a	n/a	74.7%	79.0%
	Avg. Salary of Full-Time workers <sup>(7)</sup>	\$lyr	\$31,028	\$24,608	\$27,914	\$27,100	\$26,454
	Avg. Salary of Part-Time workers <sup>(7)</sup>	\$lyr	\$15,702	\$20,110	\$14,074	\$15,152	\$13,381
% of Respondents Satisfied	Overall satisfaction with program <sup>(6)</sup>	%	80.4%	84.2%	74.1%	72.6%	78.0%
	Overall satisfaction with program and institute <sup>(6)</sup>	%	45.1%	52.6%	61.5%	53.8%	71.8%
	Program Content	%	54.9%	52.6%	66.7%	58.1%	75.7%
Goals	Instruction	%	54.9%	42.1%	66.2%	55.6%	75.5%
	Learning Materials	%	43.1%	42.1%	70.4%	51.3%	70.9%
	Computer Hardware <sup>(8)</sup>	%	56.9%	50.0%	63.2%	51.9%	68.9%
Goals	Computer Software <sup>(8)</sup>	%	80.4%	56.3%	73.7%	71.4%	75.2%
	Equip. Other Than Computers <sup>(8)</sup>	%	55.3%	36.4%	69.6%	61.2%	69.0%
	Main reason for enrolling was met	%	68.6%	78.9%	77.8%	69.2%	80.5%
	Program provided skills expected	%	80.4%	73.7%	88.9%	83.8%	90.2%

Note: Totals may not add to 100% due to missing data/no response.

Footnotes:

- Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" - n = 4,151
- Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers<1.00 are below average.
- # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.
- # found work / (# found work + # looking for work).
- Excludes self-employed graduates.
- % includes those respondents who found work while in their program.
- Full-time defined as working more than 30 hours per week.
- % who would enroll again.
- Excluding N/A responses.
- Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

### 3.7 Visual & Performing Arts

#### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n<8. Statistics are not detailed separately for CIP areas with small sample sizes.

	Characteristics	VPA			All Program			
		n=23	n=27	n=48	n=234	n=4151		
Demographic	Female	%	30.4%	33.3%	26.9%	38.0%	34.1%	0.56
	Male	%	69.6%	66.7%	71.1%	62.0%	35.9%	1.72
	Aboriginal	%	4.3%	n/a	2.2%	2.1%	5.3%	0.40
	Visible Minority	%	13.0%	18.5%	8.9%	10.7%	18.5%	0.56
	Long-term Health Condition	%	4.3%	3.7%	6.7%	5.6%	9.0%	0.61
	Age: 30 years and less	%	78.3%	77.8%	60.0%	66.7%	43.0%	1.62
	31-45 years	%	21.7%	22.2%	31.1%	25.6%	40.2%	0.64
	46+ years	%	n/a	3.7%	8.9%	4.3%	18.3%	0.26
	Vancouver Island	%	13.0%	44.4%	53.3%	35.5%	20.7%	1.72
	Lower Mainland	%	78.3%	14.8%	44.4%	55.1%	63.8%	0.86
Geographic	Thompson-Okanagan	%	n/a	7.4%	n/a	1.7%	9.6%	0.17
	Kootenay	%	n/a	3.7%	n/a	0.4%	1.0%	0.42
	Cariboo	%	n/a	n/a	n/a	n/a	1.8%	n/a
	North Coast	%	n/a	n/a	n/a	n/a	0.2%	n/a
	Nechako	%	n/a	n/a	n/a	n/a	0.2%	n/a
	Northeast	%	n/a	n/a	n/a	n/a	0.2%	n/a
	Outside B.C./Canada	%	8.7%	29.6%	2.2%	7.3%	2.2%	3.31
	Less than Grade 12	%	8.7%	n/a	2.2%	5.6%	11.1%	0.50
	High School Graduate	%	39.1%	37.0%	20.0%	27.4%	27.1%	1.01
	Registered Apprentice	%	n/a	18.5%	6.7%	14.1%	15.1%	0.98
Highest Level of Education	College Diploma	%	26.1%	11.1%	28.9%	20.9%	20.9%	1.00
	University-Non Degree	%	4.3%	n/a	2.2%	1.7%	2.4%	0.70
	Bachelor's Degree	%	n/a	18.5%	20.0%	11.1%	8.6%	1.27
	Post Graduate Degree	%	4.3%	n/a	6.7%	1.7%	4.0%	0.43
	Other/did not complete program	%	17.4%	14.8%	13.3%	17.5%	10.4%	1.68
	Reading English - Very Good	%	95.7%	96.3%	84.4%	89.3%	78.8%	1.13
	Written English - Very Good	%	95.7%	92.6%	77.8%	85.9%	75.7%	1.13
	Spoken English - Very Good	%	91.3%	96.3%	95.6%	95.7%	85.1%	1.12
	Paid Related Work Experience <sup>10</sup>	%	50.0%	37.5%	43.8%	42.2%	46.8%	0.80
	Unpaid Related Work Experience <sup>10</sup>	%	50.0%	43.8%	37.5%	34.8%	26.8%	1.31

Note: Totals may not add to 100% due to missing data/no response.

- Footnotes:
- Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs": n = 4,151
  - Index = Individual Program value / All Program value. The averages >1.00, numbers >1.00 are above average and numbers <1.00 are below average.
  - # of graduates who found a new or different work. Does not include those respondents who were working in the same work/employer before and after the program.
  - # found work / (# found work + # looking for work).
  - Excludes self-employed graduates.
  - % includes those respondents who found work while in their program.
  - Full-time defined as working more than 30 hours per week.
  - % who would enroll again.
  - Excluding N/A responses.
  - Questions only asked of i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

# 3.7

## 3.7 Visual & Performing Arts

### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n>0. Statistics are not detailed separately for CIP areas with small sample sizes.

		VPA			All Programs		
		n=23	n=27	n=45	n=234	n=4151	
Status Or Type	Not working/seeking employment	% 8.7%	3.7%	24.4%	20.5%	30.2%	0.68
	Working	% 78.3%	88.9%	46.7%	58.8%	40.7%	1.40
	Not working/unavailable to work	% 13.0%	7.4%	28.9%	22.6%	28.9%	0.78
Employed Or Unemployed	Found new/different work	% 73.9%	63.0%	51.1%	61.1%	60.1%	1.02
	Same work/same employer	% 4.3%	18.5%	6.7%	12.0%	13.2%	0.91
	Not working/seeking employment	% 21.7%	7.4%	31.1%	15.0%	15.9%	0.94
	Not working/unavailable to work	% n/a	11.1%	11.1%	12.0%	10.6%	1.12
	Found Work Calculation <sup>(4)</sup>	% 77.3%	66.6%	62.2%	80.3%	79.0%	1.02
	Employed in training-related work	% 70.6%	62.5%	60.9%	55.7%	74.3%	0.75
	Usefulness of training in getting work <sup>(5)</sup>	% 63.6%	50.0%	44.4%	47.4%	72.1%	0.66
	Usefulness of training in performing work	% 70.6%	62.5%	52.2%	56.4%	78.1%	0.74
	Found work while in program <sup>(6)</sup>	% n/a	n/a	17.4%	10.7%	24.1%	0.44
	Found work within 8 weeks of grad <sup>(7)</sup>	% 9.1%	n/a	5.9%	74.7%	79.0%	0.96
Programmatic Satisfaction Or Goals	Avg. Salary of Full-Time workers <sup>(7)</sup>	\$yr \$36,257	\$26,724	\$26,476	\$27,100	\$26,454	1.02
	Avg. Salary of Part-Time workers <sup>(7)</sup>	\$yr \$20,804	\$19,532	\$13,749	\$15,152	\$13,381	1.13
	Overall satisfaction with program <sup>(8)</sup>	% 73.9%	66.7%	73.3%	72.6%	78.0%	0.93
	Overall satisfaction with program and institute <sup>(9)</sup>	% 47.8%	59.3%	51.1%	53.8%	71.8%	0.75
	Program Content	% 43.5%	74.1%	62.2%	58.1%	75.7%	0.77
	Instruction	% 47.8%	70.4%	46.7%	55.6%	75.5%	0.74
	Learning Materials	% 52.2%	74.1%	37.8%	51.3%	70.9%	0.72
	Computer Hardware <sup>(10)</sup>	% 52.2%	27.3%	53.3%	51.9%	68.0%	0.75
	Computer Software <sup>(11)</sup>	% 66.2%	45.5%	77.8%	71.4%	75.2%	0.96
	Equip. Other Than Computers <sup>(12)</sup>	% 43.5%	73.1%	57.9%	61.2%	69.0%	0.80
Goals	Main reason for enrolling was met	% 56.5%	88.9%	62.2%	69.2%	80.5%	0.66
	Program provided skills expected	% 78.3%	85.2%	68.9%	83.8%	90.2%	0.83

Note: Totals may not add to 100% due to missing data/no response.

#### Footnotes:

- Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" n = 4,151
- Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers<1.00 are below average
- # of graduates who found a new or different work. Does not include those respondents who were working in the same work/employer before and after the program.
- # found work / (# found work + # looking for work).
- Excludes self-employed graduates.
- % includes those respondents who found work while in their program.
- Full-time defined as working more than 30 hours per week.
- % who would enroll again.
- Excluding N/A responses.
- Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

### 3.7 Visual & Performing Arts

#### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)

\*CIP areas with n<6. Statistics are not detailed separately for CIP areas with small sample sizes.

	Characteristics	ZPA		All Programs				
		n=32	n/a	n/a	n=234	n=4151		
Demographic	Female	%	15.6%	n/a	n/a	38.0%	64.1%	0.59
	Male	%	84.4%	n/a	n/a	62.0%	35.9%	1.72
	Aboriginal	%	3.1%	n/a	n/a	2.1%	5.3%	0.40
	Visible Minority	%	21.9%	n/a	n/a	10.7%	18.5%	0.58
	Long-term Health Condition	%	6.3%	n/a	n/a	5.6%	9.0%	0.61
	Age: 30 years and less	%	87.5%	n/a	n/a	69.7%	43.0%	1.62
	31-45 years	%	12.5%	n/a	n/a	25.6%	40.2%	0.64
	46+ years	%	n/a	n/a	n/a	4.3%	16.3%	0.26
Geographic	Vancouver Island	%	6.3%	n/a	n/a	35.5%	20.7%	1.72
	Lower Mainland	%	87.5%	n/a	n/a	55.1%	63.8%	0.86
	Thompson-Okanagan	%	n/a	n/a	n/a	1.7%	9.8%	0.17
	Kootenay	%	n/a	n/a	n/a	0.4%	1.0%	0.42
	Cariboo	%	n/a	n/a	n/a	n/a	1.8%	n/a
	North Coast	%	n/a	n/a	n/a	n/a	0.2%	n/a
	Nechako	%	n/a	n/a	n/a	n/a	0.2%	n/a
	Northeast	%	n/a	n/a	n/a	n/a	0.2%	n/a
	Outside B.C./Canada	%	6.3%	n/a	n/a	7.3%	2.2%	3.31
Highest Level of Education	Less than Grade 12	%	n/a	n/a	n/a	5.6%	11.1%	0.50
	High School Graduate	%	46.9%	n/a	n/a	27.4%	27.1%	1.01
	Registered Apprentice	%	6.3%	n/a	n/a	14.1%	15.1%	0.03
	College Diploma	%	18.8%	n/a	n/a	20.9%	20.9%	1.00
	University-Non Degree	%	3.1%	n/a	n/a	1.7%	2.4%	0.70
	Bachelor's Degree	%	6.3%	n/a	n/a	11.1%	8.8%	1.27
	Post Graduate Degree	%	n/a	n/a	n/a	1.7%	4.0%	0.43
	Other/did not complete program	%	18.8%	n/a	n/a	17.5%	10.4%	1.68
English Ability	Reading English - Very Good	%	81.3%	n/a	n/a	89.3%	78.8%	1.13
	Written English - Very Good	%	84.4%	n/a	n/a	85.9%	75.7%	1.13
	Spoken English - Very Good	%	96.9%	n/a	n/a	98.7%	85.1%	1.12
Previous Work	Paid Related Work Experience <sup>(15)</sup>	%	40.0%	n/a	n/a	42.2%	46.9%	0.90
	Unpaid Related Work Experience <sup>(16)</sup>	%	20.0%	n/a	n/a	34.8%	26.6%	1.31

Note: Totals may not add to 100% due to missing data/no response.

Footnotes: 1. Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" n = 4,151

2. Index = Individual Program value / All Program value. The average > 1.00, numbers > 1.00 are above average and numbers < 1.00 are below average.

3. # of graduates who found a new or different work. Does not include those respondents who were working in the same job/employer before and after the program.

4. # found work / (# found work + # looking for work).

5. Excludes self-employed graduates.

6. % includes those respondents who found work while in their program.

7. Full-time defined as working more than 30 hours per week.

8. % who would enroll again.

9. Excluding N/A responses.

10. Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

# 3.7

## 3.7 Visual & Performing Arts

### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n=9. Statistics are not detailed separately for CIP areas with small sample sizes.

	Characteristics	VPA			Program Outcomes	
		n= 32	n/a	n/a	n= 234	n= 4151
Of Resp.	Not working/seeking employment	%	12.5%	n/a	n/a	20.5% 30.2% 0.68
	Working	%	71.9%	n/a	n/a	56.8% 40.7% 1.40
	Not working/unavailable to work	%	15.6%	n/a	n/a	22.6% 28.9% 0.78
Of Resp.	Found new/different work	%	66.9%	n/a	n/a	61.1% 60.1% 1.02
	Same work/same employer	%	18.8%	n/a	n/a	12.0% 13.2% 0.91
	Not working/seeking employment	%	3.1%	n/a	n/a	15.0% 15.0% 0.94
Of Employed	Not working/unavailable to work	%	9.4%	n/a	n/a	12.0% 10.6% 1.12
	Found Work Calculation <sup>(6)</sup>	%	95.7%	n/a	n/a	80.3% 79.0% 1.02
	Employed in training-related work	%	27.3%	n/a	n/a	55.7% 74.3% 0.75
Of Employed	Usefulness of training in getting work <sup>(7)</sup>	%	n/a	n/a	n/a	47.4% 72.1% 0.66
	Usefulness of training in performing work	%	27.3%	n/a	n/a	56.4% 76.1% 0.74
	Found work while in program <sup>(8)</sup>	%	27.3%	n/a	n/a	10.7% 24.1% 0.44
Of Respondents Satisfied	Found work within 8 weeks of grad <sup>(9)</sup>	%	n/a	n/a	n/a	74.7% 79.0% 0.96
	Avg. Salary of Full-Time workers <sup>(7)</sup>	\$/yr	\$20,450	n/a	n/a	\$27,100 \$26,454 1.02
	Avg. Salary of Part-Time workers <sup>(7)</sup>	\$/yr	\$9,868	n/a	n/a	\$15,152 \$13,381 1.13
Goals	Overall satisfaction with program <sup>(8)</sup>	%	56.3%	n/a	n/a	72.6% 78.0% 0.93
	Overall satisfaction with program and institute <sup>(8)</sup>	%	50.0%	n/a	n/a	53.8% 71.8% 0.75
	Program Content	%	46.9%	n/a	n/a	58.1% 75.7% 0.77
Goals	Instruction	%	46.9%	n/a	n/a	55.6% 75.5% 0.74
	Learning Materials	%	46.9%	n/a	n/a	51.3% 70.9% 0.72
	Computer Hardware <sup>(8)</sup>	%	46.9%	n/a	n/a	51.9% 68.9% 0.75
Goals	Computer Software <sup>(8)</sup>	%	68.6%	n/a	n/a	71.4% 75.2% 0.86
	Equip. Other Than Computers <sup>(8)</sup>	%	65.6%	n/a	n/a	61.2% 60.0% 0.80
	Main reason for enrolling was met	%	62.5%	n/a	n/a	60.2% 60.5% 0.86
	Program provided skills expected	%	84.4%	n/a	n/a	83.8% 90.2% 0.93

Note: Totals may not add to 100% due to missing data/no response.

#### Footnotes:

- Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" - n = 4,151
- Index = Individual Program value / All Program value. The average > 1.00, numbers > 1.00 are above average and numbers < 1.00 are below average.
- # of graduates who found a new or different work. Does not include those respondents who were working in the same work/employer before and after the program.
- # found work / (# found work + # looking for work).
- Excludes self-employed graduates.
- % includes those respondents who found work while in their program.
- Full-time defined as working more than 30 hours per week.
- % who would enroll again.
- Excluding N/A responses.
- Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

## Visual and Performing Arts (VPA)

### KEY CHARACTERISTICS

Female/male ratio	0.61:1
Overall satisfaction with program	72.6%
Pre-program employed	56.8%
Post-program employed	73.1%
Went on to new or different job after completed program	61.1%
Average length of time taken to find work	6.0 weeks
Employed in training-related work	55.7%
Average salary (full-time workers)	\$27,100

### INCLUDED IN THIS PROGRAM

- 50.0402 Graphic Design, Commercial Art & Illustration
- 50.0407 Fashion Design & Illustration
- 50.0408 Interior Design
- 50.0503 Acting & Directing
- 50.0602 Film-Video Making/Cinematography & Production
- 50.0605 Photography
- 50.0698 Computer Animation
- 50.0901 Music, General
- 50.9998 Recording Arts



In this survey administration period, VPA was characterized by a 59.2% response rate, based on a valid sample of 395 graduates. The not-in-service rate for VPA graduates was 30.7%.

### PRE-PROGRAM/POST-PROGRAM STATUS OF TRAINEES

#### All Graduates

All survey participants who had completed 75% or more of their program requirements were asked to detail what activities they had been doing prior to enrolling in a VPA program as well as their status six months after graduation.

As highlighted in the Key Statistics table, of the 234 VPA graduates surveyed:

- 20.5% noted that they had not been working but were seeking employment prior to enrolling in the program;
- a higher proportion noted that they had been working (56.8);
- and 22.6% of graduates had not been working nor actively looking for work.

Program graduates were contacted six months after completion of their program to ascertain their employment status. As highlighted in the Key Statistics table:

# 3.7

- over seven of ten (73.1%) VPA graduates indicated that they were working – either at the same job with the same employer (12.0%) or at a new or different job (61.1%);
- 15.0% of graduates stated that they were unemployed and actively seeking work.

## **Excluding Graduates That Are Unavailable for Work**

To develop an accurate profile of the impacts of private training, pre- and post-program employment status was also analyzed excluding those graduates who were unavailable to work or not seeking work. Students in this category may be unavailable for a variety of reasons that make it difficult to seek employment (e.g. illness, taking care of family, going to school). Table 3-7A focuses on the employment status of those who were working, or unemployed and seeking work.

**Table 3-7A**  
**Pre- and Post-Program Employment Status – VPA Graduates**  
**Excluding Graduates Not Seeking Employment**

Status	Pre-Program	Post-Program
Not working/seeking employment	30.9%	17.2%
Working (same job/same employer)	69.1%	13.8%
Found new/different job <sup>1</sup>	n/a	69.0%

n = 136 for pre-program status and n = 203 for post program status

<sup>1</sup>includes those respondents who were with the same employer, but doing a different job

## **Previously Unemployed Graduates**

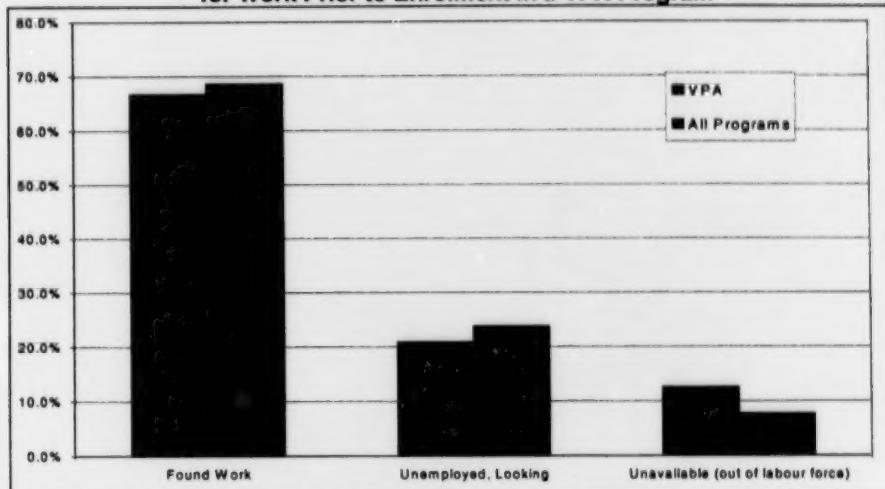
A key issue of the survey is to identify the effectiveness of the training provided in assisting previously unemployed program participants (who were seeking employment) to find work. For example, of the survey participants who graduated from a VPA program, 48 or 20.5% indicated that they had not been working and were seeking employment prior to their enrolment in the program. Analysis of the outcomes associated with this group six months after graduation indicates that **66.7% of these previously unemployed graduates were now working** at the time of the interview and just under one-quarter (20.8%) were unemployed and still looking for work.

Found work rates are used to assess the effectiveness in helping previously unemployed participants find work. Found work rates exclude graduates who were unavailable and not looking for work after their program was completed (see section 1.4 for a definition of found work rates). Based on information collected for Q9 to Q12 (March 1998 to February 1999) graduates, the found work rate for previously unemployed VPA graduates was calculated to be 76.2% (e.g., 76.2% of those respondents available to work were working at the time of the interview).

The found work rate calculation indicates that of those graduates who were pre-program unemployed (and looking for work), approximately three-quarters of graduates had found work when surveyed six months after graduating from this program.

*"I wanted to change careers. I was always interested in photography and like working on computers, so I decided to increase my knowledge on a professional level. I enjoyed the computer graphic work that I did in the program, and liked the fact that I was able to do a lot of work on my own as well as in the classroom."*

**Chart 3-7A**  
**Post-Program Status of Graduates Who Were Looking**  
**for Work Prior to Enrolment in a VPA Program**



n = 48 for VPA programs and n = 1,260 for all programs

#### **TYPE OF WORK FOUND BY PTI GRADUATES WHO WERE PREVIOUSLY UNEMPLOYED**

Further analysis of the graduates who were not working prior to enrolling in an institution was carried out to determine what kinds of jobs and in what industries graduates were finding employment.

Detailed in Table 3-7B are the top five occupations and top five industries in which VPA graduates found work. Students were asked during the survey to provide their job title, duties and type of industry that they were employed in. Responses were coded according to the National Occupational Classification (NOC) and North American Industry Classification System (NAICS) [previously known as Standard Industry Classification – SIC].

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**Table 3-7B**  
**Identification of Key Occupations and Industries In Which Previously Unemployed PTI  
Graduates Found Employment - VPA**

Top Five Occupations (% share)	Top Five Industries (% share)
Retail Salespersons and Sales Clerks 10.5%	Interior Design Services 6.9%
Graphic Designers and Illustrating Artists 6.3%	Sound Recording Studios 6.9%
Photographers 6.3%	Motion Picture and Video Production 6.9%
Computer Programmers 5.6%	Computer Systems Design and Related Services 6.9%
Interior Designers 3.5%	Computer Training 6.9%
<hr/>	
% Share of five occupations 32.2%	% Share of five industries 34.5%

Analysis was also completed to establish the extent to which work found by previously unemployed graduates generally matched the training provided (e.g. proportion of previously unemployed graduates who found work in a training-related area).

A key issue of the survey is to identify the effectiveness of the training provided in assisting previously unemployed program participants (who were seeking employment) to find work. For example, of the survey participants who graduated from a VPA program, 48 or 20.5% indicated that they had not been working and were seeking employment prior to their enrolment in the program. Analysis of the outcomes associated with this group six months after graduation indicates that **66.7% of these previously unemployed graduates were now working** at the time of the interview and just under one-quarter (20.8%) were unemployed and still looking for work.

Found work rates are used to assess the effectiveness in helping previously unemployed participants find work. Found work rates exclude graduates who were unavailable and not looking for work after their program was completed (see section 1.4 for a definition of found work rates). Based on information collected for Q9 to Q12 (March 1998 to February 1999) graduates, the found work rate for previously unemployed VPA graduates was calculated to be 76.2% (e.g., 76.2% of those respondents available to work were working at the time of the interview).

*"It was a great overview of everything that's needed in theatre technical work. It was short and was condensed into a couple of months rather than a couple years. I got working right away and started making money sooner than expected."*

# 3.7

**Table 3-7B**

**Identification of Key Occupations and Industries In Which Previously Unemployed PTI Graduates Found Employment - VPA**

Top Five Occupations (% share)	Top Five Industries (% share)
Retail Salespersons and Sales Clerks 10.5%	Interior Design Services 6.9%
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Photographers 6.3%	Motion Picture and Video Production 6.9%
Computer Programmers 5.6%	Computer Systems Design and Related Services 6.9%
Interior Designers 3.5%	Computer Training 6.9%
% Share of five occupations	

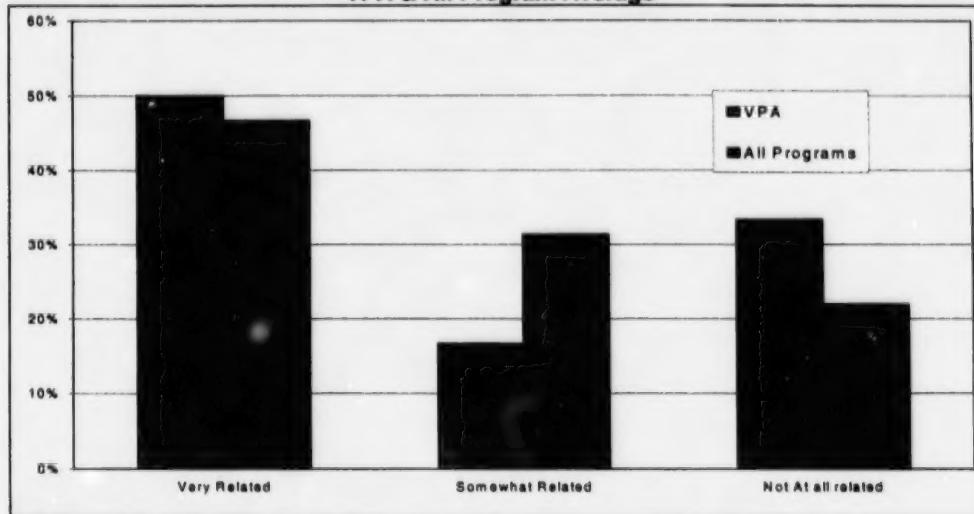
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**Chart 3-7B**  
**"Match" Between Training Provided and Work Found**  
**Graduates Who Were Unemployed and Seeking Work Prior to Enrolment in a PTI**  
**VPA & All Program Average**



n = 30 for VPA and n = 839 for all programs

#### AVERAGE LENGTH OF TIME TAKEN TO FIND WORK

Survey participants who were unemployed (pre-program) and who were seeking employment were asked to indicate the length of time (in weeks) they spent actively looking for their current employment. Analysis of the data indicates that:

- 19.0% of previously unemployed VPA graduates noted that they had found work while enrolled in the program;
- 71.4% indicated that they had secured employment within two months of graduation, this is below the all program average of 80.6%.

# 3.7

**Table 3-7C**  
**Time Taken to Find Work – Pre-Program Unemployed (Seeking Employment)**  
**VPA and All Program Average**

	VPA	All Programs
Total number unemployed (pre-program) and seeking employment	48	1255
% who found employment	66.7%	68.6%
% who were unemployed but unavailable to work	12.5%	7.6%
of those who were employed <sup>1</sup> :	21	732
% who found employment while enrolled in the program	19.0%	29.5%
Less than 5 weeks after graduation	38.1%	40.2%
5-8 weeks after graduation	14.3%	10.9%
9-12 weeks after graduation	4.8%	6.3%
13-20 weeks after graduation	23.8%	7.9%
more than 20 weeks after graduation	0.0%	3.1%
don't know	0.0%	2.0%
Total – 2 months or less after graduation <sup>2</sup>	71.4%	80.6%

<sup>1</sup>excludes self-employed respondents and those respondents with a paid job to start at a definite date in the future.

<sup>2</sup>includes those respondents that found work while enrolled in the program.

## EARNINGS OF PTI GRADUATES

*"The graphics portion of the program was excellent, and the skills I got were transferable into many different types of computer-based jobs."*

Graduates who had found employment, or were working in new or different jobs, were asked to provide an estimate of their current earnings. As many individuals noted that they worked on a part-time basis, caution should be used in the interpretation of the wage information. In order to accurately reflect annual earnings on a full-time basis, wage data is reported for two groups: part-time basis (those who work 30 hours or less per week) and full-time workers (those who work more than 30 hours per week).

Review of the information provided by VPA graduates indicates that:

- On average, VPA graduates who were working on a part-time basis (30 hours or less per week) reported an estimated average annual salary of \$15,152; graduates who were working on a full-time basis (more than 30 hours per week) reported an average annual salary of \$28,796.
- There was a difference in the average annual salary on the basis of respondents pre-program status: those graduates who had been working prior to starting the program earned \$27,116 per year – which was lower than the \$29,879 per year earned by PTI graduates who found new or different work after completing their program.

**Table 3-7D**  
**Estimated Average Annual Earnings of VPA Graduates**  
**by Pre-Program and Current Employment Status**

	Unemployed and Looking for Work Prior to Program		Employed Prior to Program		Program Average <sup>1</sup>	
	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time
Number Reporting	5	23	42	77	55	95
Estimated Average Annual Salary	\$14,734	\$29,879	\$14,900	\$27,116	\$15,152	\$28,796

<sup>1</sup>Includes all respondents irrespective of pre-program status (employed, unemployed and unemployed not available to work)

Note: Part-time defined as 30 hours or less per week; full-time defined as more than 30 hours per week

### **PROFILE OF UNEMPLOYED GRADUATES BY EDUCATION LEVEL AND YEARS OF WORK EXPERIENCE**

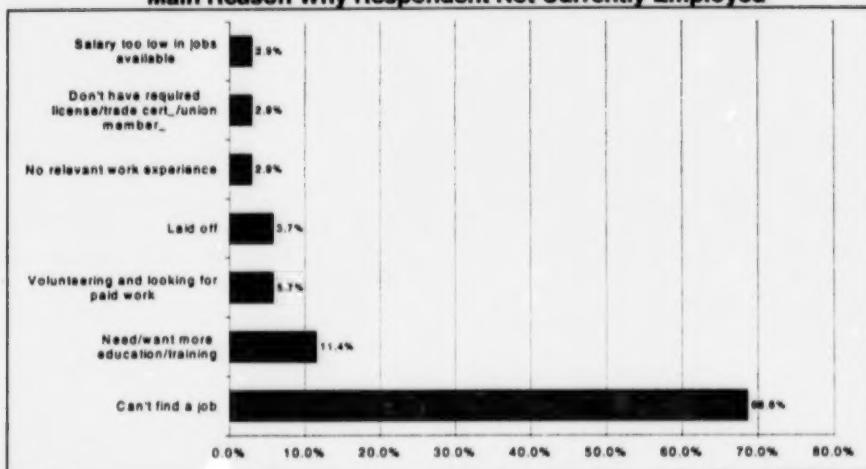
#### **Main Reason Why Not Working**

Highlighted below in Chart 3-7C is the main reason provided by VPA respondents why they were not working at the time of the survey, regardless of their pre-program status. As noted in the chart, the top reasons reported by respondents were they couldn't find a job (68.6%), need for more education or training (11.4%), volunteering and looking for paid work (5.7%) and laid off (5.7%).

- 10 graduates classified themselves as pre- and post-program unemployed and looking for work. The top reason given for being unemployed was unable to find work (80%).
- 50% of pre- and post-program unemployed/looking for work graduates had worked at a job or business at some time since leaving their program while 50% indicated that they had not worked at any job or business since completion of their program.
- 90% of this same group indicated that they had looked for employment in the last four weeks and many respondents (60%) stated that they had searched for work in their field of study.

# 3.7

**Chart 3-7C**  
**Post-Program - Not Working/Looking for Work**  
**Main Reason Why Respondent Not Currently Employed**



n = 35

## Educational Profile

The Key Statistics table provides a general educational profile of all VPA graduates by employment status. Analysis of the data suggests:

- Many pre- and post-program unemployed/looking for work graduates had completed a wide range of post-secondary education prior to enrolling in their program, from a college diploma (50%) to a Bachelor's degree (10%). There did not appear to be any striking differences on the basis of education or training completed as similar proportions of employed graduates had previously completed a college diploma or Bachelor's degree.
- One or two of the unemployed graduates had completed previous educational training outside of Canada.
- None of the 10 graduates who were not employed at the time of the interview have taken further training since the completion of their program.

## Level of Paid/Unpaid Work Experience

The following analysis is based on 10 responses provided by pre- and post-program unemployed/looking for work graduates.

- 77.8% of unemployed respondents had paid related work experience prior to taking their program. Almost half (42.9%) of respondents had three or more years of paid work experience in Canada and 14.3% of respondents had three or more years of work experience outside of Canada.
- Respondents were asked to indicate whether they had any unpaid or volunteer work related to the type of job they were seeking: four respondents indicated that they had done some unpaid or volunteer work.

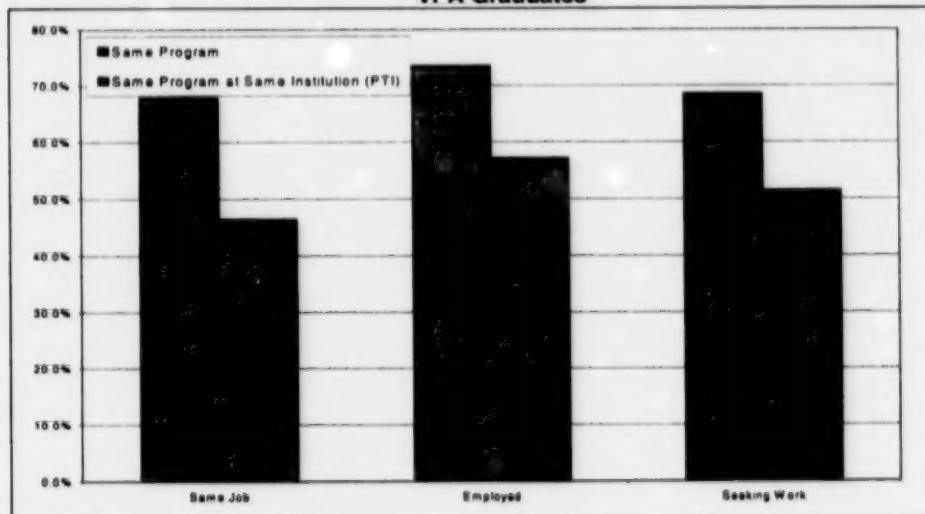
## OVERALL SATISFACTION WITH THE EDUCATION AND TRAINING PROVIDED

To evaluate the quality of programs currently offered by private training institutions and the institutions themselves, respondents were asked, given their experience since completing the program, whether they would choose to study the same program again. Similarly, respondents were asked, given their experience, whether they would choose to study the same program and at the same institution again. Analysis of the data indicates that:

- Overall, 72.6% of VPA graduates indicated that, given their experience since graduation, they would again enroll in a VPA program. However, those graduates who were employed at the time of the interview were more positive about the program (73.6%) than were those individuals who had not found work after completion of the program (68.6% satisfaction rating).
- 53.8% of VPA graduates noted that they would enroll in the same program at the same institution.

**Chart 3-7D**

**Proportion of Graduates Who Indicated That They Would Enroll in Same Program and Same Program/Same Institution by Current Employment Status  
VPA Graduates**



n=234

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# 3.7

Most respondents provided open-ended comments as to why they would or would not take their respective programs again. These comments were subsequently coded into twenty-two categories of positive or negative reasons. Table 3-7E provides the top five positive and top negative reasons why students would or would not attend the same program again.

Nearly 72.6% of VPA graduates said that they would attend their program again. Positive comments provided by the graduates included that the program provided the knowledge and skills expected by the respondents (17.1%), the program was an enjoyable experience (14.4%), and that the program was necessary to secure employment (10.0%).

Of the top five reasons why students would not enroll in the program again, the most likely reasons were the program was too general (7.9%), the program was too difficult or not enough time was allocated (7.6%) or students were unhappy with the administration (4.4%).

**Table 3-7E**  
**Why Respondents Would or Would Not Choose Program Again - VPA**

Respondents Who Would Choose Same Program Again	
•provides knowledge/skills/training expected	17.1%
•enjoyed field of study/experience	14.4%
•personal interest/learned new things	10.0%
•found employment/necessary for employment	8.5%
•teachers were great/positive atmosphere/material well taught	5.6%
•other positive reasons	4.3%
<b>Total positive reasons</b>	<b>57.9%</b>
Respondents Who Would Not Choose Same Program Again	
•unhappy with administration or instruction	7.9%
•program too general/not adeq. prepared for job	7.6%
•too difficult/not enough time	4.4%
•learned nothing new/did not meet expectations	4.1%
•too expensive/overcharged	3.8%
•other negative reasons	14.3%
<b>Total negative reasons</b>	<b>42.1%</b>
<b>Total</b>	<b>100.0%</b>

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**Table 3-7E**  
**Why Respondents Would or Would Not Choose Program Again - VPA**

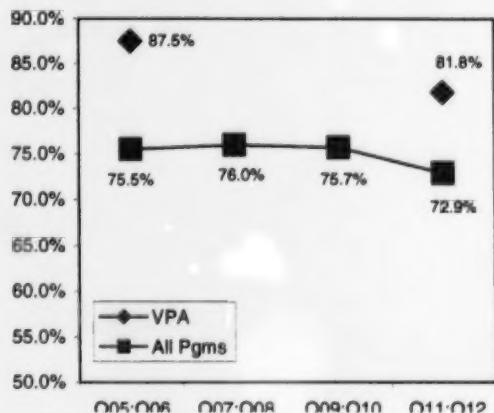
<b>Respondents Who Would Choose Same Program Again</b>	
•provides knowledge/skills/training expected	17.1%
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<b>Total positive reasons</b>	<b>57.9%</b>
<b>Respondents Who Would Not Choose Same Program Again</b>	
•unhappy with administration or instruction	7.9%
•program too general/not adeq. prepared for job	7.6%
•too difficult/not enough time	4.4%
•learned nothing new/did not meet expectations	4.1%
•too expensive/overcharged	3.8%
•other negative reasons	14.3%
<b>Total negative reasons</b>	<b>42.1%</b>
<b>Total</b>	<b>100.0%</b>

## LONGITUDINAL ANALYSIS

Highlighted below are the changes in the key variables for VPA programs. For comparative purposes, the average across all program areas has also been included. The period analyzed includes graduates for the survey reporting period of September 1997 (Q5) to August 1999 (Q12). For those periods in which there were only a limited number of respondents (fewer than 10), data has not been reported.

### 1. Found Work Rates (previously unemployed graduates)

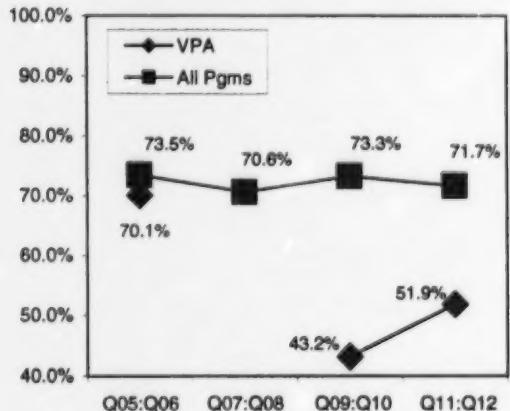
- the found work rate for previously unemployed graduates enrolled in VPA programs was 81.8% among Q11:Q12 graduates.
- VPA found work rate was above the all program average both in Q5:Q6 and in Q11:Q12.



### 2. Usefulness of Training In Getting Employment

Previously unemployed graduates<sup>1</sup> were asked to rate the usefulness of their training in securing work.

- across all programs in each quarter, approximately seven in ten respondents reported that their training was useful or very useful.
- usefulness ratings provided by VPA graduates increased from 43.2% in Q9:Q10 to 51.9% in Q11:Q12.



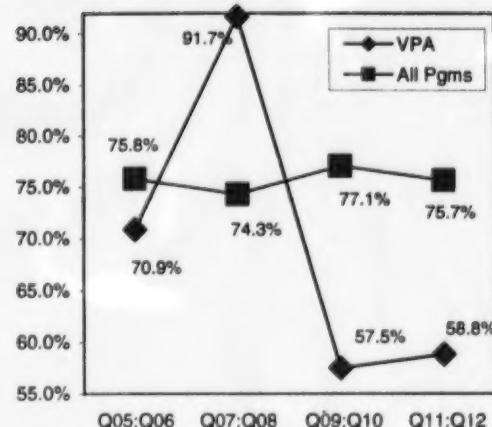
<sup>1</sup>this question was also asked of graduates who were still working for the same employer, performing the same job, but had obtained a second job after completing the program.

# 3.7

## 3. Usefulness of Training in Performing Work Activity

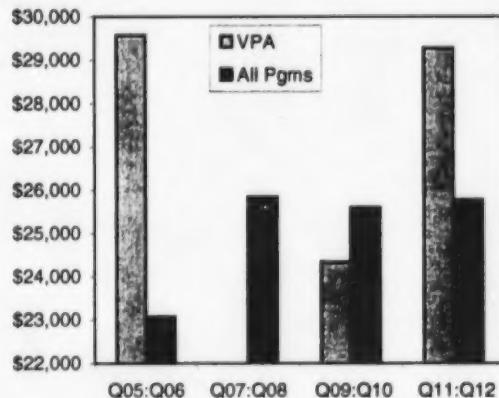
All employed graduates were asked to indicate the extent to which their training helped them perform their current work.

- satisfaction of VPA graduates, although relatively constant during Q9:Q10 and Q11:Q12, has remained below the all program average for the comparable period.
- the significantly higher 91.7% for Q7:Q8 may be due to the fact that the number of respondents in that period was less than a quarter that of the later two periods.



## 4. Average Salary (all graduates working full-time)

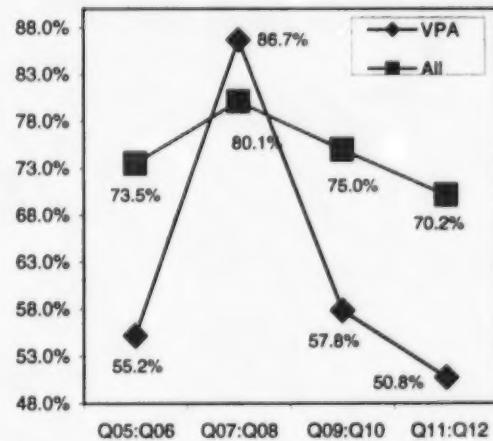
- recent VPA graduates (Q11:Q12) reported average salaries of \$29,271, which represents a significant increase as compared to Q9:Q10 salaries (\$24,338).



## 5. Overall Satisfaction With Program and Institution (all graduates)

Respondents were asked, given their experience, whether they would have enrolled in the same program at the same institution again.

- this rating decreased from 86.7% for all VPA graduates in Q7:Q8, to 57.8% of respondents who graduated in Q9:Q10. The downturn continued with a decrease in satisfaction (50.8%) reported by graduates in Q11:Q12.
- this is consistent with the views expressed by all graduates of a PTI, as overall (all program) satisfaction levels have declined steadily over the last three quarters.



### **3.8 HEALTH PROFESSIONS AND RELATED SCIENCES (HP/RS)**



## 3.8 Health Professions & Related Sciences

### KEY STATISTICS

	Characteristics	HP&RS			All Programs			
		Pre-Program Unemployed	Post- Program Employed	Pre- & Post- Program Unemployed	HP&RS	All Programs		
		n= 71	n= 278	n= 7	n= 427	n= 4151		
Demographics	Female	%	62.0%	80.2%	42.9%	64.1%	1.25	
	Male	%	38.0%	19.8%	57.1%	35.9%	0.56	
	Aboriginal	%	4.2%	4.7%	n/a	5.3%	0.75	
	Visible Minority	%	33.8%	22.7%	42.9%	22.2%	18.5%	1.20
	Long-term Health Condition	%	1.4%	3.2%	14.3%	3.7%	9.0%	0.41
	Age: 30 years and less	%	22.5%	47.1%	n/a	44.0%	43.0%	1.03
	31-45 years	%	46.5%	39.2%	57.1%	40.0%	40.2%	1.00
	46+ years	%	31.0%	13.7%	42.9%	15.5%	18.3%	0.95
	Vancouver Island	%	18.3%	25.2%	n/a	24.1%	20.7%	1.17
Region	Lower Mainland	%	70.4%	65.1%	100.0%	63.0%	63.8%	0.99
	Thompson-Okanagan	%	9.9%	8.3%	n/a	8.0%	9.8%	0.81
	Kootenay	%	n/a	n/a	n/a	n/a	0%	n/a
	Cariboo	%	n/a	0.4%	n/a	2.3%	1.8%	1.28
	North Coast	%	n/a	0.4%	n/a	0.2%	0.2%	0.97
	Nechako	%	1.4%	0.4%	n/a	0.9%	0.2%	4.32
	Northeast	%	n/a	n/a	n/a	0.5%	0.2%	2.78
	Outside B.C./Canada	%	n/a	0.4%	n/a	0.9%	2.2%	0.43
Highest Level of Education	Less than Grade 12	%	12.7%	13.3%	n/a	11.7%	11.1%	1.05
	High School Graduate	%	16.9%	25.5%	14.3%	26.2%	27.1%	0.97
	Registered Apprentice	%	23.9%	15.8%	14.3%	16.2%	15.1%	1.07
	College Diploma	%	23.9%	21.9%	42.9%	22.5%	20.0%	1.07
	University-Non Degree	%	1.4%	4.0%	n/a	2.8%	2.4%	1.16
	Bachelor's Degree	%	9.9%	6.1%	14.3%	7.3%	8.8%	0.83
	Post Graduate Degree	%	7.0%	4.7%	14.3%	4.4%	4.0%	1.12
	Other/did not complete program	%	4.2%	8.3%	n/a	8.7%	10.4%	0.83
English Abilities	Reading English - Very Good	%	74.6%	81.3%	57.1%	81.0%	78.8%	1.03
	Written English - Very Good	%	66.2%	78.1%	57.1%	78.1%	75.7%	1.01
	Spoken English - Very Good	%	70.4%	83.8%	71.4%	82.0%	85.1%	0.96
Prev Work	Paid Related Work Experience <sup>(10)</sup>	%	35.4%	29.5%	40.0%	27.6%	46.9%	0.59
	Unpaid Related Work Experience <sup>(10)</sup>	%	41.7%	38.9%	40.0%	39.9%	26.6%	1.50

Note: Totals may not add to 100% due to missing data/no response.

Footnotes: 1. Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for 'All Programs' n = 4,151

2. Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers<1.00 are below average.

3. # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.

4. # found work / (# found work + # looking for work).

5. Excludes self-employed graduates.

6. % includes those respondents who found work while in their program.

7. Full-time defined as working more than 30 hours per week.

8. % who would enroll again.

9. Excluding N/A responses.

10. Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

# 3.8

## 3.8 Health Professions & Related Sciences

### KEY STATISTICS

	Characteristics	HP&RS			SELECTED OUTCOMES			
		Pre-Program Unemployed	Post Program Employed	Pre- & Post Program Unemployed	HP&RS	All Programs		
% of Respondents	Not working/seeking employment	%	n= 71	n= 278	n= 7	n= 427	n= 4181	0.55
	Working	%	n/a	45.7%	n/a	54.6%	40.7%	1.34
	Not working/unavailable to work	%	n/a	32.4%	n/a	28.6%	28.9%	0.99
% of Respondents Employed	Found new/different work	%	84.5%	100.0%	n/a	87.0%	80.1%	1.11
	Same work/same employer	%	n/a	n/a	n/a	19.4%	13.2%	1.47
	Not working/seeking employment	%	9.9%	n/a	n/a	7.3%	15.9%	0.46
% of Respondents Employed	Not working/unavailable to work	%	5.6%	n/a	n/a	6.1%	10.6%	0.57
	Found Work Calculation <sup>(4)</sup>	%	89.6%	n/a	n/a	90.2%	79.0%	1.14
	Employed in training-related work	%	93.3%	89.6%	n/a	89.8%	74.3%	1.20
% of Respondents Employed	Usefulness of training in getting work <sup>(5)</sup>	%	93.0%	88.4%	n/a	88.4%	72.1%	1.23
	Usefulness of training in performing work	%	91.7%	88.5%	n/a	88.5%	76.1%	1.16
	Found work while in program <sup>(6)</sup>	%	21.7%	27.2%	n/a	26.3%	24.1%	1.09
% of Respondents Satisfied	Found work within 8 weeks of grad <sup>(7)</sup>	%	83.7%	83.6%	n/a	83.6%	79.0%	1.06
	Avg. Salary of Full-Time workers <sup>(7)</sup>	\$/yr	\$29,643	\$26,069	n/a	\$26,524	\$26,454	1.00
	Avg. Salary of Part-Time workers <sup>(7)</sup>	\$/yr	\$16,694	\$15,614	n/a	\$16,174	\$13,381	1.21
Goals	Overall satisfaction with program <sup>(8)</sup>	%	85.9%	86.7%	57.1%	84.1%	78.0%	1.08
	Overall satisfaction with program and institute <sup>(8)</sup>	%	70.4%	71.2%	42.9%	68.4%	71.8%	0.95
	Program Content	%	84.5%	84.2%	71.4%	83.4%	75.7%	1.10
	Instruction	%	87.3%	84.5%	71.4%	81.0%	75.5%	1.07
	Learning Materials	%	84.5%	77.0%	100.0%	75.6%	70.9%	1.07
	Computer Hardware <sup>(9)</sup>	%	52.6%	60.0%	n/a	58.9%	68.9%	0.85
	Computer Software <sup>(9)</sup>	%	50.0%	66.1%	50.0%	61.0%	75.2%	0.81
	Equip. Other Than Computers <sup>(9)</sup>	%	63.8%	70.7%	60.0%	69.8%	69.0%	1.01
	Main reason for enrolling was met	%	85.9%	89.6%	42.9%	85.7%	80.5%	1.06
	Program provided skills expected	%	93.0%	95.3%	71.4%	93.4%	90.2%	1.04

Note: Totals may not add to 100% due to missing data/no response.

Footnotes: 1. Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" n = 4,181

2. Index = Individual Program value / All Program value. The average>1.00, numbers >1.00 are above average and numbers<1.00 are below average.

3. # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.

4. # found work / (# found work + # looking for work).

5. Excludes self-employed graduates.

6. % includes those respondents who found work while in their program.

7. Full-time defined as working more than 30 hours per week.

8. % who would enroll again.

9. Excluding N/A responses.

10. Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

## 3.8 Health Professions & Related Sciences

### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n>9. Statistics are not detailed separately for CIP areas with small sample sizes.

Characteristics		HP&RS		Employment Outcomes		Program Index	
		n= 82	n= 28	n= 284	n= 427	n= 4151	n= 4151
Demographics	Female	%	75.9%	100.0%	78.6%	79.9%	84.1%
	Male	%	24.2%	n/a	21.2%	20.1%	15.9%
	Aboriginal	%	1.8%	3.6%	4.5%	4.0%	5.3%
	Visible Minority	%	19.4%	n/a	27.3%	22.2%	18.5%
	Long-term Health Condition	%	8.1%	7.7%	2.3%	3.7%	9.0%
	Age: 30 years and less	%	72.6%	80.0%	34.5%	44.0%	43.0%
	31-45 years	%	19.4%	15.4%	49.2%	40.0%	40.2%
	46+ years	%	8.1%	3.6%	15.9%	15.5%	16.3%
Region	Vancouver Island	%	38.7%	15.4%	23.5%	24.1%	20.7%
	Lower Mainland	%	53.2%	78.9%	67.6%	63.0%	63.8%
	Thompson-Okanagan	%	8.1%	7.7%	8.3%	8.0%	9.8%
	Kootenay	%	n/a	n/a	n/a	n/a	1.0%
	Cariboo	%	n/a	n/a	0.4%	2.3%	1.8%
	North Coast	%	n/a	n/a	n/a	0.2%	0.2%
	Nechako	%	n/a	n/a	n/a	0.9%	0.2%
	Northeast	%	n/a	n/a	n/a	0.5%	0.2%
Highest Level of Education	Outside B.C./Canada	%	n/a	n/a	n/a	0.9%	2.2%
	Less than Grade 12	%	4.8%	15.4%	15.6%	11.7%	11.1%
	High School Graduate	%	30.6%	30.8%	26.5%	28.2%	27.1%
	Registered Apprentice	%	9.7%	19.2%	17.4%	16.2%	15.1%
	College Diploma	%	27.4%	30.8%	18.2%	22.5%	20.9%
	University-Non Degree	%	8.1%	n/a	2.3%	2.8%	2.4%
	Bachelor's Degree	%	6.5%	n/a	7.2%	7.3%	8.8%
	Post Graduate Degree	%	4.8%	n/a	4.5%	4.4%	4.0%
English Abilities	Other/did not complete program	%	8.1%	3.8%	8.0%	8.7%	10.4%
	Reading English - Very Good	%	88.7%	96.2%	75.4%	81.0%	78.8%
	Written English - Very Good	%	82.3%	96.2%	70.8%	76.1%	75.7%
	Spoken English - Very Good	%	87.1%	100.0%	75.8%	82.0%	85.1%
	Paid Related Work Experience <sup>(10)</sup>	%	18.9%	33.3%	28.4%	27.6%	48.9%
	Unpaid Related Work Experience <sup>(10)</sup>	%	13.5%	40.0%	47.7%	36.9%	26.8%
	Total	%	32.4%	73.3%	56.1%	54.5%	75.7%

Note: Totals may not add to 100% due to missing data/no response.

#### Footnotes:

- Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" n = 4,151
- Index = Individual Program value / All Program value. The average > 1.00, numbers > 1.00 are above average and numbers < 1.00 are below average.
- # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.
- # found work / (# found work + # looking for work).
- Excludes self-employed graduates.
- % includes those respondents who found work while in their program.
- Full-time defined as working more than 30 hours per week.
- % who would enroll again.
- Excluding N/A responses.
- Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

# 3.8

## 3.8 Health Professions & Related Sciences

### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n=3. Statistics are not detailed separately for CIP areas with small sample sizes.

	Characteristics	HP & RS				All Programs	
		n= 62	n= 26	n= 284	n= 437	n= 4151	
% of Res.	Not working/seeking employment	%	11.3%	n/a	23.1%	16.6%	30.2%
	Working	%	58.1%	65.4%	48.2%	54.6%	40.7%
	Not working/unavailable to work	%	30.6%	34.6%	30.3%	28.6%	28.9%
% of Resp.	Found new/different work	%	64.5%	65.4%	73.5%	67.0%	60.1%
	Same work/same employer	%	12.9%	11.5%	14.4%	19.4%	13.2%
	Not working/seeking employment	%	14.5%	15.4%	6.8%	7.3%	15.9%
% Employed	Not working/unavailable to work	%	8.1%	7.7%	4.9%	6.1%	10.6%
	Found Work Calculation <sup>(1)</sup>	%	81.6%	81.0%	91.6%	90.2%	79.0%
	Employed in training-related work	%	76.9%	62.5%	95.2%	89.6%	74.3%
% Employed	Usefulness of training in getting work <sup>(2)</sup>	%	73.1%	63.6%	94.8%	88.4%	72.1%
	Usefulness of training in performing work	%	71.8%	68.6%	93.7%	88.5%	76.1%
	Found work while in program <sup>(3)</sup>	%	28.2%	18.8%	28.0%	26.3%	24.1%
% of Respondents Satisfied	Found work within 8 weeks of grad <sup>(4)</sup> *	%	11.5%	9.1%	7.5%	83.6%	79.0%
	Avg. Salary of Full-Time workers <sup>(5)</sup>	\$/y	\$19,276	\$18,711	\$27,116	\$26,524	\$26,454
	Avg. Salary of Part-Time workers <sup>(5)</sup>	\$/y	\$13,381	\$11,645	\$16,486	\$16,174	\$13,381
% of Goals Met	Overall satisfaction with program <sup>(6)</sup>	%	67.7%	57.7%	90.2%	84.1%	78.0%
	Overall satisfaction with program and institute <sup>(6)</sup>	%	30.6%	42.3%	76.1%	68.4%	71.8%
	Program Content	%	45.2%	73.1%	91.7%	83.4%	75.7%
% of Program Components Satisfied	Instruction	%	43.5%	65.4%	91.3%	81.0%	75.5%
	Learning Materials	%	48.8%	57.7%	85.2%	75.6%	70.9%
	Computer Hardware <sup>(7)</sup>	%	50.0%	50.0%	66.7%	58.9%	68.9%
% of Equipment Satisfied	Computer Software <sup>(7)</sup>	%	56.5%	56.5%	63.1%	61.0%	75.2%
	Equip. Other Than Computers <sup>(7)</sup>	%	60.4%	61.1%	71.5%	69.8%	66.0%
	Main reason for enrolling was met	%	68.4%	61.5%	80.8%	85.7%	80.5%
% of Program Provided Skills Expected	Program provided skills expected	%	75.8%	92.3%	97.0%	93.4%	90.2%
							1.04

Note: Totals may not add to 100% due to missing data/no response.

#### Footnotes:

- Includes responses of all graduates regardless of prepost-program status. Calculation of Employment Outcomes for "All Programs" n = 4,151
- Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers<1.00 are below average.
- # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.
- # found work / (# found work + # looking for work).
- Excludes self-employed graduates.
- % includes those respondents who found work while in their program.
- Full-time defined as working more than 30 hours per week.
- % who would enroll again.
- Excluding N/A responses.
- Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

### 3.8 Health Professions & Related Sciences

#### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n=0. Statistics are not detailed separately for CIP areas with small sample sizes.

Characteristics		HP & RS			All Programs			
		n=11	n=48	n=n/a	n=427	n=4151		
Demographics	Female	%	64.5%	89.6%	n/a	79.9%	64.1%	1.25
	Male	%	45.5%	10.4%	n/a	20.1%	35.9%	0.56
	Aboriginal	%	n/a	2.1%	n/a	4.0%	5.3%	0.75
	Visible Minority	%	n/a	18.7%	n/a	22.2%	18.5%	1.20
	Long-term Health Condition	%	9.1%	2.1%	n/a	3.7%	9.0%	0.41
Age: 30 years and less	Age: 30 years and less	%	45.5%	33.3%	n/a	44.0%	43.0%	1.03
	31-45 years	%	27.3%	39.6%	n/a	40.0%	40.2%	1.00
	46+ years	%	27.3%	25.0%	n/a	15.8%	18.3%	0.95
Region	Vancouver Island	%	100.0%	4.2%	n/a	24.1%	20.7%	1.17
	Lower Mainland	%	n/a	43.8%	n/a	63.0%	63.8%	0.99
	Thompson-Okanagan	%	n/a	10.4%	n/a	8.0%	9.8%	0.81
	Kootenay	%	n/a	n/a	n/a	1.0%	n/a	
	Cariboo	%	n/a	18.8%	n/a	2.3%	1.8%	1.29
	North Coast	%	n/a	2.1%	n/a	0.2%	0.2%	0.97
	Nechako	%	n/a	8.3%	n/a	0.9%	0.2%	4.32
	Northeast	%	n/a	4.2%	n/a	0.5%	0.2%	2.78
	Outside B.C./Canada	%	n/a	8.3%	n/a	0.9%	2.2%	0.43
Highest Level of Education	Less than Grade 12	%	9.1%	2.1%	n/a	11.7%	11.1%	1.06
	High School Graduate	%	18.2%	25.0%	n/a	26.2%	27.1%	0.97
	Registered Apprentice	%	9.1%	22.9%	n/a	16.2%	15.1%	1.07
	College Diploma	%	27.3%	31.3%	n/a	22.5%	20.9%	1.07
	University-Non Degree	%	n/a	2.1%	n/a	2.8%	2.4%	1.18
	Bachelor's Degree	%	9.1%	4.2%	n/a	7.3%	8.8%	0.83
	Post Graduate Degree	%	18.2%	2.1%	n/a	4.4%	4.0%	1.12
	Other/did not complete program	%	9.1%	10.4%	n/a	8.7%	10.4%	0.83
English Ability	Reading English - Very Good	%	81.8%	89.6%	n/a	81.0%	78.8%	1.03
	Written English - Very Good	%	72.7%	83.3%	n/a	76.1%	75.7%	1.01
	Spoken English - Very Good	%	90.9%	98.8%	n/a	82.0%	85.1%	0.98
Prev Work	Paid Related Work Experience <sup>(10)</sup>	%	n/a	40.0%	n/a	27.6%	48.9%	0.59
	Unpaid Related Work Experience <sup>(10)</sup>	%	50.0%	50.0%	n/a	39.9%	26.6%	1.50

Note: Totals may not add to 100% due to missing data/no response.

Footnotes: 1. Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" - n = 4,151

2. Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers<1.00 are below average.

3. # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.

4. # found work / (# found work + # looking for work).

5. Excludes self-employed graduates.

6. % includes those respondents who found work while in their program.

7. Full-time defined as working more than 30 hours per week.

8. % who would enroll again.

9. Excluding N/A responses.

10. Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

# 3.8

## 3.8 Health Professions & Related Sciences

### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n>8. Statistics are not detailed separately for CIP areas with small sample sizes.

		HP & RS	All Programs	HP & RS	All Programs	HP & RS	All Programs
Of Resp	Not working/seeking employment	%	n=11	%	n=48	%	n/a
	Working	%	72.7%	%	77.1%	%	n/a
	Not working/unavailable to work	%	18.2%	%	20.8%	%	n/a
Of Resp	Found new/different work	%	81.8%	%	33.3%	%	n/a
	Same work/same employer	%	9.1%	%	56.3%	%	n/a
	Not working/seeking employment	%	n/a	%	n/a	%	n/a
	Not working/unavailable to work	%	9.1%	%	10.4%	%	n/a
	Found Work Calculation <sup>(4)</sup>	%	n/a	%	n/a	%	n/a
	Employed in training-related work	%	77.8%	%	93.3%	%	n/a
	Usefulness of training in getting work <sup>(5)</sup>	%	n/a	%	87.5%	%	n/a
	Usefulness of training in performing work	%	88.9%	%	86.7%	%	n/a
	Found work while in program <sup>(6)</sup>	%	22.2%	%	20.0%	%	n/a
	Found work within 8 weeks of grad <sup>(7),8</sup>	%	n/a	%	12.5%	%	n/a
Of Employed	Avg. Salary of Full-Time workers <sup>(7)</sup>	\$/yr	\$25,730	\$/yr	\$41,456	\$/yr	\$26,524
	Avg. Salary of Part-Time workers <sup>(7)</sup>	\$/yr	\$14,160	\$/yr	\$19,771	\$/yr	\$16,174
	Overall satisfaction with program <sup>(9)</sup>	%	100.0%	%	83.3%	%	n/a
	Overall satisfaction with program and institute <sup>(9)</sup>	%	100.0%	%	81.3%	%	n/a
	Program Content	%	90.9%	%	88.6%	%	n/a
	Instruction	%	90.9%	%	75.0%	%	n/a
	Learning Materials	%	63.6%	%	72.9%	%	n/a
	Computer Hardware <sup>(10)</sup>	%	n/a	%	73.3%	%	n/a
	Computer Software <sup>(10)</sup>	%	n/a	%	64.3%	%	n/a
	Equip. Other Than Computers <sup>(10)</sup>	%	71.4%	%	76.7%	%	n/a
Goals	Main reason for enrolling was met	%	90.9%	%	91.7%	%	n/a
	Program provided skills expected	%	100.0%	%	95.8%	%	n/a

Note: Totals may not add to 100% due to missing data/no response.

#### Footnotes:

- Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs": n = 4,151
- Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers<1.00 are below average
- # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.
- # found work / # found work + # looking for work.
- Excludes self-employed graduates.
- % includes those respondents who found work while in their program.
- Full-time defined as working more than 30 hours per week.
- % who would enroll again.
- Excluding N/A responses.
- Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

## Health Professions and Related Sciences (HP/RS)

### KEY CHARACTERISTICS

Female/male ratio	3.98:1
Overall satisfaction with program	84.1%
Pre-program employed	54.6%
Post-program employed	86.4%
Went on to new or different job after completed program	67.0%
Average length of time taken to find work	5.2 weeks
Employed in training-related work	89.6%
Average salary (full-time workers)	\$26,524

### INCLUDED IN THIS PROGRAM

- 51.0601 Dental Assistant
- 51.0802 Medical Laboratory Assistant
- 51.0805 Pharmacy Technician/Assistant
- 51.0808 Veterinarian Assistant/Animal Health Technician
- 51.1614 Nursing Assistant/Aide
- 51.2701 Acupuncture & Oriental Medicine
- 51.9999 Health Professions & Related Sciences, Other

In this survey administration period, HP/RS was characterized by a 64.0% response rate, based on a valid sample of 667 graduates. The not-in-service rate for HP/RS graduates was 25.7%.

### PRE-PROGRAM/POST-PROGRAM STATUS OF TRAINEES

#### All Graduates

All survey participants who had completed 75% or more of their program requirements were asked to detail what activities they had been doing prior to enrolling in a HP/RS program as well as their status six months after graduation.

As highlighted in the Key Statistics table, of the 427 HP/RS graduates surveyed:

- 16.6% noted that they had not been working but were seeking employment prior to enrolling in the program;
- a higher proportion noted that they had been working (54.6%);
- and 28.6% of graduates had not been working nor actively looking for work.

Program graduates were contacted six months after completion of their program to ascertain their employment status. As highlighted in the Key Statistics table:

- over eight of ten (86.4%) HP/RS graduates indicated that they were working – either at the same job with the same employer (19.4%) or at a new or different job (67.0%);
- 7.3% of graduates stated that they were unemployed and actively seeking work.

# 3.8

## Excluding Graduates That Are Unavailable for Work

To develop an accurate profile of the impacts of private training, pre- and post-program employment status was also analyzed excluding those graduates who were unavailable to work or not seeking work. Students in this category may be unavailable for a variety of reasons that make it difficult to seek employment (e.g. illness, taking care of family, going to school). Table 3-xA focuses on the employment status of those who were working, or unemployed and seeking work.

**Table 3-xA**  
**Pre- and Post-Program Employment Status – HP/RS Graduates**  
**Excluding Graduates Not Seeking Employment**

Status	Pre-Program	Post-Program
Not working/seeking employment	32.8%	7.9%
Working (same job/same employer)	67.2%	21.2%
Found new/different job <sup>1</sup>	n/a	70.9%

n = 204 for pre-program status and n = 392 for post program status

<sup>1</sup>includes those respondents who were with the same employer, but doing a different job

*"This education resulted in a higher income for me. I'm a more versatile employee now and can choose to work in many different places. Also, the knowledge that I gained will be useful in dealing with my family."*

### Previously Unemployed Graduates

A key issue of the survey is to identify the effectiveness of the training provided in assisting previously unemployed program participants (who were seeking employment) to find work. For example, of the survey participants who graduated from a HP/RS program, 71 or 16.6% indicated that they had not been working and were seeking employment prior to their enrolment in the program. Analysis of the outcomes associated with this group six months after graduation indicates that **84.5% of these previously unemployed graduates were now working** at the time of the interview and just under one-tenth (9.9%) were unemployed and still looking for work.

Found work rates are used to assess the effectiveness in helping previously unemployed participants find work. Found work rates exclude graduates who were unavailable and not looking for work after their program was completed (see section 1.4 for a definition of found work rates). Based on information collected for Q9 to Q12 (March 1998 to February 1999) graduates, the found work rate for previously unemployed HP/RS graduates was calculated to be 89.6% (e.g., 89.6% of those respondents available to work were working at the time of the interview).

The found work rate calculation indicates that of those graduates who were pre-program unemployed (and looking for work), approximately three-quarters of graduates had found work when surveyed six months after graduating from this program.

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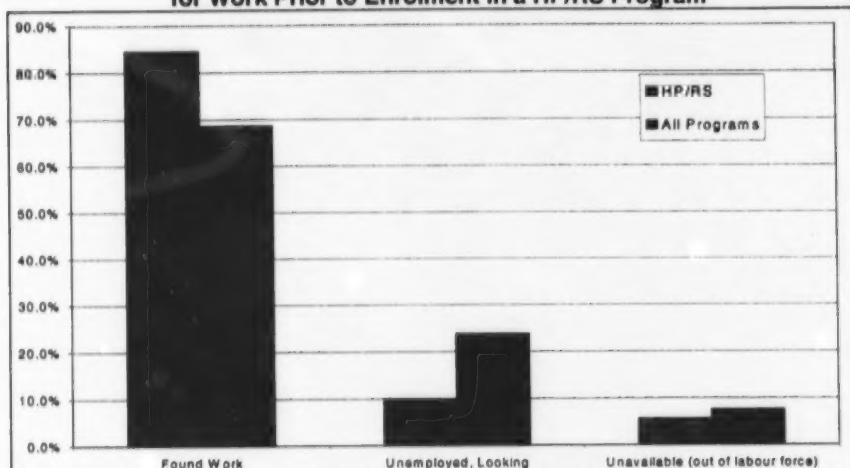
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**Chart 3-8A**  
**Post-Program Status of Graduates Who Were Looking  
 for Work Prior to Enrolment In a HP/RS Program**



n = 71 for HP/RS and n = 1,260 for all programs

#### **TYPE OF WORK FOUND BY PTI GRADUATES WHO WERE PREVIOUSLY UNEMPLOYED**

Further analysis of the graduates who were not working prior to enrolling in an institution was carried out to determine what kinds of jobs and in what industries graduates were finding employment.

Detailed in Table 3-8B are the top five occupations and top five industries in which HP/RS graduates found work. Students were asked during the survey to provide their job title, duties and type of industry that they were employed in. Responses were coded according to the National Occupational Classification (NOC) and North American Industry Classification System (NAICS) [previously known as Standard Industry Classification – SIC].

*"I have a strong personal interest in this work so I found the program to be really interesting. I enjoy working with people, I think that it is important work. The program prepared me very well for work."*

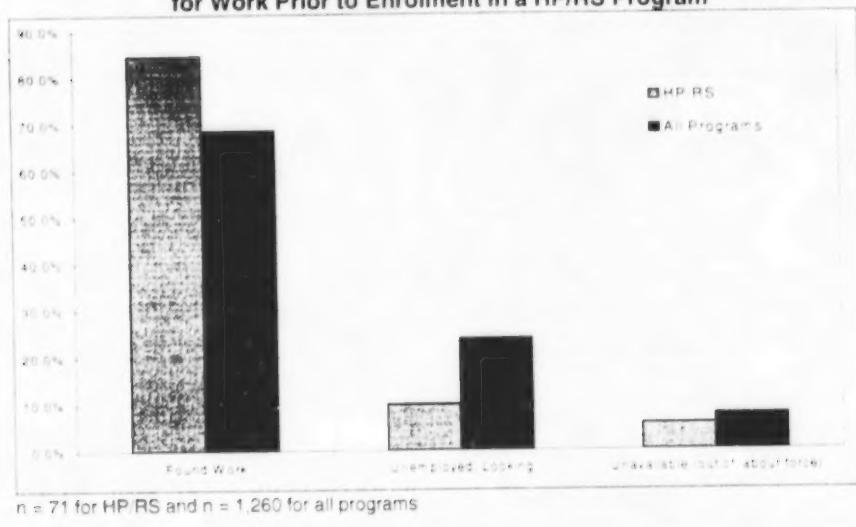
**Table 3-8B**  
**Identification of Key Occupations and Industries in Which Previously Unemployed PTI  
 Graduates Found Employment - HP/RS**

<b>Top Five Occupations (% share)</b>		<b>Top Five Industries (% share)</b>	
Other Aides and Assistants in Support of Health Services	52.7%	Home Health Care Services	17.9%
Other Medical Technologists and Technicians (Except Dental Health)	4.8%	General Medical and Surgical Hospitals	12.8%
Nurse Aides and Orderlies	4.2%	Nursing Care Facilities	12.0%
Elemental Medical and Hospital Assistants	3.7%	Community Care Facilities for the Elderly	6.0%
Other Personal Service Occupations	2.0%	Residential Mental Health and Substance Abuse Facilities	5.1%

Analysis was also completed to establish the extent to which work found by previously unemployed graduates generally matched the training provided (e.g. proportion of previously unemployed graduates who found work in a training-related area).



**Chart 3-8A**  
**Post-Program Status of Graduates Who Were Looking**  
**for Work Prior to Enrolment in a HP/RS Program**



#### TYPE OF WORK FOUND BY PTI GRADUATES WHO WERE PREVIOUSLY UNEMPLOYED

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*"I have a strong personal interest in this work so I found the program to be really interesting. I enjoy working with people. I think that it is important work. The program prepared me very well for work."*

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Nurse Aides and Orderlies	4.2%	Nursing Care Facilities	12.0%
Elemental Medical and Hospital Assistants	3.7%	Community Care Facilities for the Elderly	6.0%
Other Personal Service Occupations	2.0%	Residential Mental Health and Substance Abuse Facilities	5.1%
<b>% Share of five occupations</b>		<b>% Share of five industries</b>	
<b>67.3%</b>		<b>53.8%</b>	

Analysis was also completed to establish the extent to which work found by previously unemployed graduates generally matched the training provided (e.g. proportion of previously unemployed graduates who found work in a training-related area).

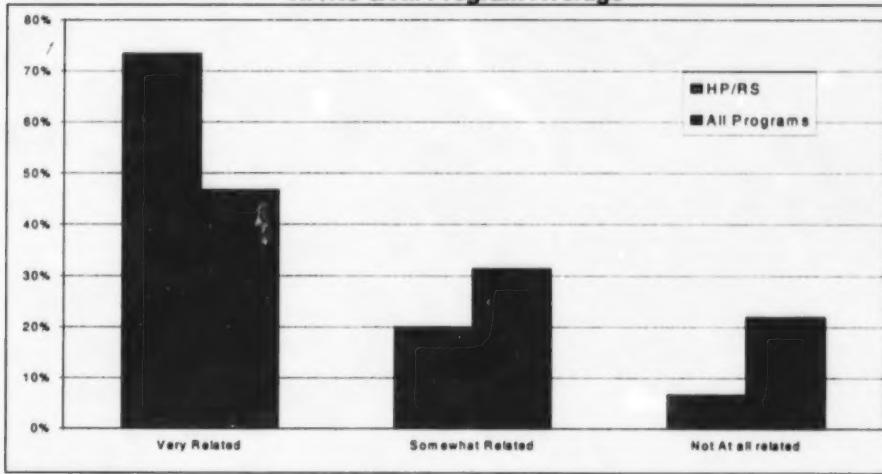
## 3.8

*"The teachers were great, and the knowledge that I gained from this program gave me the ability to find work in the field."*

For those graduates who were pre-program unemployed, 93.3% reported that they found work in a training-related area. These graduates also reported high levels of satisfaction with the type of training provided – 93.0% reported that their training was very useful or useful in getting work, and 91.7% reported that their training was very useful or useful in performing work.

Chart 3-8B highlights the percentage of graduates who report that they found work that was very related (73%) or somewhat related (20%) to the training provided. Under one-tenth (7%) of previously unemployed HP/RS graduates noted that the employment they had secured was not at all related to the training provided at the PTI.

**Chart 3-8B  
"Match" Between Training Provided and Work Found Graduates Who Were Unemployed and Seeking Work Prior to Enrolment in a PTI  
HP/RS & All Program Average**



n = 60 for HP/RS and n = 839 for all programs

### AVERAGE LENGTH OF TIME TAKEN TO FIND WORK

Survey participants who were unemployed (pre-program) and who were seeking employment were asked to indicate the length of time (in weeks) they spent actively looking for their current employment. Analysis of the data indicates that:

- 25.9% of previously unemployed HP/RS graduates noted that they had found work while enrolled in the program;
- 87.9% indicated that they had secured employment within two months of graduation, above the all program average of 80.6%.

**Table 3-8C**
**Time Taken to Find Work – Pre-Program Unemployed (Seeking Employment)**  
**HP/RS and All Program Average**

	HP/RS	All Programs
Total number unemployed (pre-program) and seeking employment	71	1255
% who found employment	84.5%	68.6%
% who were unemployed but unavailable to work	5.6%	7.6%
of those who were employed <sup>1</sup> :	58	732
% who found employment while enrolled in the program	25.9%	29.5%
Less than 5 weeks after graduation	51.7%	40.2%
5-8 weeks after graduation	10.3%	10.9%
9-12 weeks after graduation	3.4%	6.3%
13-20 weeks after graduation	8.6%	7.9%
more than 20 weeks after graduation	0.0%	3.1%
don't know	0.0%	2.0%
Total – 2 months or less after graduation <sup>2</sup>	87.9%	80.6%

<sup>1</sup>excludes self-employed respondents and those respondents with a paid job to start at a definite date in the future.

<sup>2</sup>includes those respondents that found work while enrolled in the program.

## EARNINGS OF PTI GRADUATES

Graduates who had found employment, or were working in new or different jobs, were asked to provide an estimate of their current earnings. As many individuals noted that they worked on a part-time basis, caution should be used in the interpretation of the wage information. In order to accurately reflect annual earnings on a full-time basis, wage data is reported for two groups: part-time basis (those who work 30 hours or less per week) and full-time workers (those who work more than 30 hours per week).

Review of the information provided by HP/RS graduates indicates that:

- On average, HP/RS graduates who were working on a part-time basis (30 hours or less per week) reported an estimated average annual salary of \$16,174; graduates who were working on a full-time basis (more than 30 hours per week) reported an average annual salary of \$26,524.
- There was a difference in the average annual salary on the basis of respondents pre-program status: those graduates who had been working prior to starting the program earned \$26,163 per year – which was lower than the \$29,643 per year earned by PTI graduates who found new or different work after completing their program.

*"It was a great experience for me on every level. It has really enhanced my career as a massage therapist."*

**Table 3-8D**  
**Estimated Average Annual Earnings of HP/RS Graduates**  
**by Pre-Program and Current Employment Status**

	Unemployed and Looking for Work Prior to Program		Employed Prior to Program		Program Average <sup>1</sup>	
	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time
Number Reporting	33	18	136	106	179	154
Estimated Average Annual Salary	\$16,694	\$29,643	\$16,771	\$26,163	\$16,174	\$26,524

<sup>1</sup>Includes all respondents irrespective of pre-program status (employed, unemployed and unemployed not available to work)

Note: Part-time defined as 30 hours or less per week; full-time defined as more than 30 hours per week

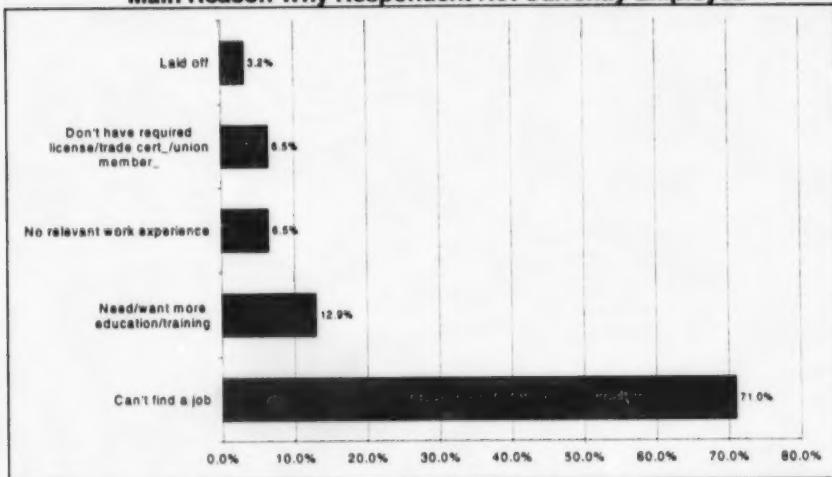
### **PROFILE OF UNEMPLOYED GRADUATES BY EDUCATION LEVEL AND YEARS OF WORK EXPERIENCE**

#### **Main Reason Why Not Working**

Highlighted below in Chart 3-8C is the main reason provided by HP/RS respondents why they were not working at the time of the survey, regardless of their pre-program status. As noted in the chart, the top reasons reported by respondents were they couldn't find a job (71.0%), the need for more education or training (12.9%), the lack of relevant work experience (6.5%) and the requirement for a license/certification (6.5%).

- 7 graduates classified themselves as pre- and post-program unemployed and looking for work. The top reason given for being unemployed was unable to find work (57.1%).
- 14.3% of pre- and post-program unemployed/looking for work graduates had worked at a job or business at some time since leaving their program while 85.7% indicated that they had not worked at any job or business since completion of their program.
- 71.4% of this same group indicated that they had looked for employment in the last four weeks and only one respondent (14.3%) stated that they had searched for work in their field of study.

**Chart 3-8C**  
**Post-Program - Not Working/Looking for Work**  
**Main Reason Why Respondent Not Currently Employed**



n = 31

#### Educational Profile

The Key Statistics table provides a general educational profile of all HP/RS graduates by employment status. Analysis of the data suggests:

- Many pre- and post-program unemployed/looking for work graduates had completed a wide range of post-secondary education prior to enrolling in their program, from a college diploma (42.9%) to a Bachelor's degree (14.3%) or post-graduate degree (14.3%). There did not appear to be any striking differences on the basis of education or training completed although smaller proportions of employed graduates had previously completed a college diploma, Bachelor's degree or post-graduate degree.
- 66.7% of unemployed graduates who had completed high school, and 33.3% of respondents who had completed other post-secondary education, obtained some of their training outside of Canada.
- one of the 7 graduates who were not employed at the time of the interview has taken further trade/vocational training since the completion of their program.
- The respondent who took further training had not completed their additional training at the time of survey administration.
- Respondents were asked to provide their main reason for enrolling in further studies upon completion of their program. The respondent indicated the main reason for undertaking further studies was to gain further skills/training.

#### Level of Paid/Unpaid Work Experience

The following analysis is based on 7 responses provided by pre- and post-program unemployed/looking for work graduates.

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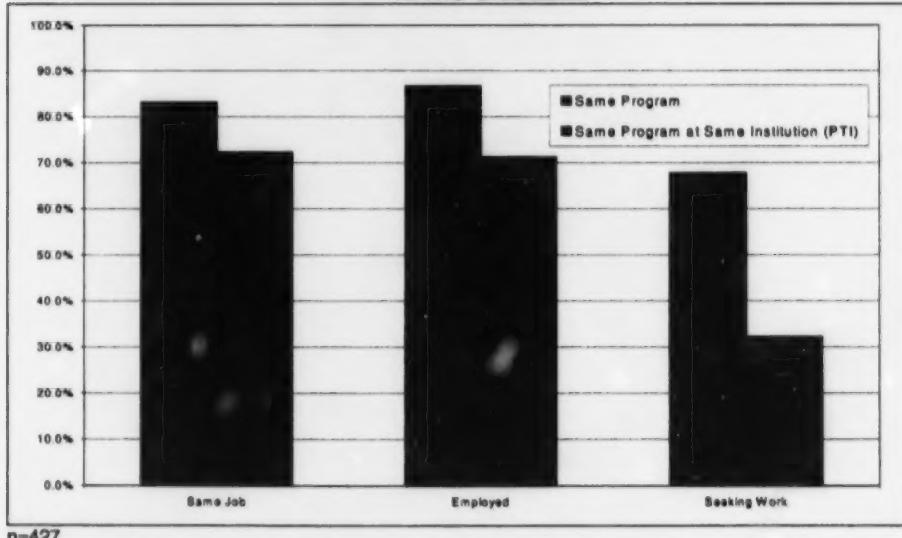
- 40.0% of unemployed respondents had paid related work experience prior to taking their program. Of this 40%, all had three or more years of paid work experience in Canada and all had three or more years of work experience outside of Canada.
- Respondents were asked to indicate whether they had any unpaid or volunteer work related to the type of job they were seeking: two respondents indicated that they had done some unpaid or volunteer work.

## OVERALL SATISFACTION WITH THE EDUCATION AND TRAINING PROVIDED

To evaluate the quality of programs currently offered by private training institutions and the institutions themselves, respondents were asked, given their experience since completing the program, whether they would choose to study the same program again. Similarly, respondents were asked, given their experience, whether they would choose to study the same program and at the same institution again. Analysis of the data indicates that:

- Overall, 84.1% of HP/RS graduates indicated that, given their experience since graduation, they would again enroll in a HP/RS program. However, those graduates who were employed at the time of the interview were more positive about the program (86.7%) than were those individuals who had not found work after completion of the program (67.7% satisfaction rating).
- 68.4% of HP/RS graduates noted that they would enroll in the same program at the same institution.

**Chart 3-8D**  
**Proportion of Graduates Who Indicated That They Would Enroll in Same Program and Same Program/Same Institution by Current Employment Status HP/RS Graduates**



Most respondents provided open-ended comments as to why they would or would not take their respective programs again. These comments were subsequently coded into twenty-two categories of positive or negative reasons. Table 3-8E provides the top five

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positive and top negative reasons why students would or would not attend the same program again.

Nearly 84.1% of HP/RS graduates said that they would attend their program again. Positive comments provided by the graduates included that the program provided the knowledge and skills expected by the respondents (22.1 %), the program was an enjoyable experience (16.0 %), and that the program was necessary to secure employment (15.7%).

Of the top five reasons why students would not enroll in the program again, the most likely reasons were the program was too general (4.1%), the program was too difficult or not enough time was allocated (2.6%) or students were unhappy with the administration (2.5%).

**Table 3-8E**  
**Why Respondents Would or Would Not Choose Program Again - HP/RS**

<b>Respondents Who Would Choose Same Program Again</b>	
• provides knowledge/skills/training expected	22.1%
• found employment/necessary for employment	16.0%
• enjoyed field of study/experience	15.7%
• personal interest/learned new things	10.9%
• teachers were great/positive atmosphere/material well taught	10.2%
• other positive reasons	4.1%
<b>Respondents Who Would Not Choose Same Program Again</b>	
• poor job market/educ. not recognized	4.1%
• too difficult/not enough time	2.6%
• program too general/not adequately prepared for job	2.5%
• unhappy with administration/instruction, etc.	2.0%
• too expensive/overcharged	2.0%
• other negative reasons	7.8%
<b>Total negative reasons</b>	<b>21.0%</b>
<b>Total</b>	<b>100.0%</b>



positive and top negative reasons why students would or would not attend the same program again.

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**Table 3-8E**  
**Why Respondents Would or Would Not Choose Program Again - HP/RS**

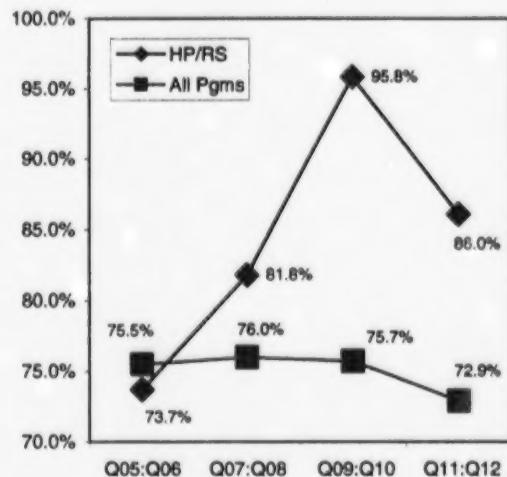
<b>Respondents Who Would Choose Same Program Again</b>	
• provides knowledge/skills/training expected	22.1%
• found employment/necessary for employment	16.0%
• enjoyed field of study/experience	15.7%
• personal interest/learned new things	10.9%
• teachers were great/positive atmosphere/material well taught	10.2%
• other positive reasons	4.1%
<b>Total positive reasons</b>	<b>79.0%</b>
<b>Respondents Who Would Not Choose Same Program Again</b>	
• poor job market/educ. not recognized	4.1%
• too difficult/not enough time	2.6%
• program too general/not adequately prepared for job	2.5%
• unhappy with administration/instruction, etc	2.0%
• too expensive/overcharged	2.0%
• other negative reasons	7.8%
<b>Total negative reasons</b>	<b>21.0%</b>
<b>Total</b>	<b>100.0%</b>

## LONGITUDINAL ANALYSIS

Highlighted below are the changes in the key variables for HP/RS programs. For comparative purposes, the average across all program areas has also been included. The period analyzed includes graduates for the survey reporting period of September 1997 (Q5) to August 1999 (Q12).

### 1. Found Work Rates (previously unemployed graduates)

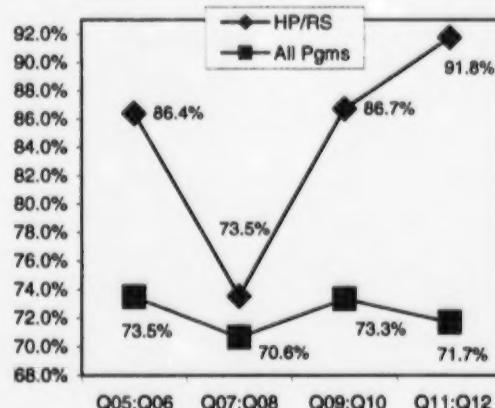
- the found work rate for previously unemployed graduates enrolled in HP/RS programs has decreased from 95.8% for Q9:Q10 graduates to 86.0% for Q11:Q12 graduates.
- HP/RS found work rate remained above the all program average in Q11:Q12.



### 2. Usefulness of Training in Getting Employment

Previously unemployed graduates<sup>1</sup> were asked to rate the usefulness of their training in securing work.

- across all programs in each quarter, approximately seven in ten respondents reported that their training was useful or very useful.
- usefulness ratings provided by HP/RS graduates increased from 86.7% in Q9:Q10 to 91.8% in Q11:Q12.

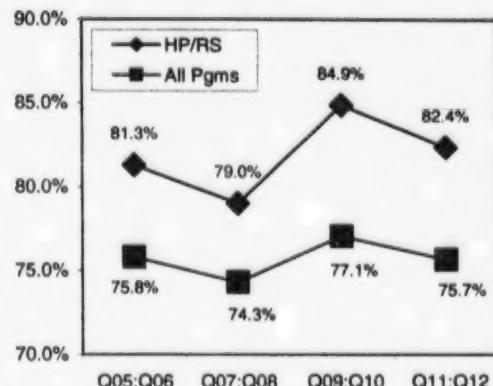


<sup>1</sup>this question was also asked of graduates who were still working for the same employer, performing the same job, but had obtained a second job after completing the program.

### 3. Usefulness of Training In Performing Work Activity

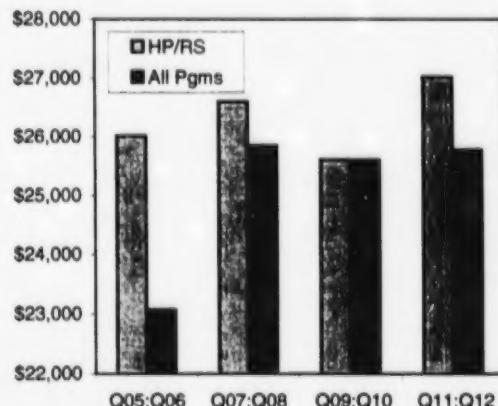
All employed graduates were asked to indicate the extent to which their training helped them perform their current work.

- satisfaction of HP/RS graduates has improved since Q7:Q8, and has remained above the all program average for the comparable period.



### 4. Average Salary (all graduates working full-time)

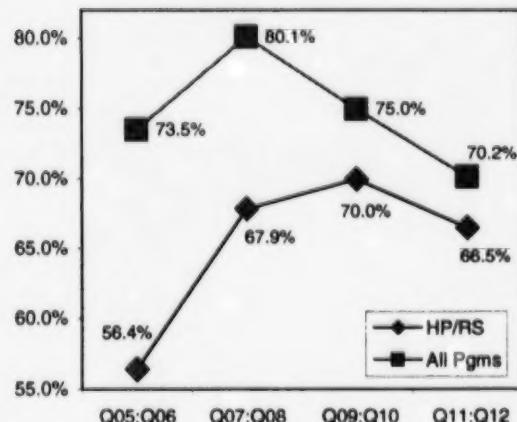
- recent HP/RS graduates (Q11:Q12) reported average salaries of \$27,024, which represents an increase as compared to Q9:Q10 salaries (\$25,606).



### 5. Overall Satisfaction With Program and Institution (all graduates)

Respondents were asked, given their experience, whether they would have enrolled in the same program at the same institution again.

- this rating increased from 67.9% for all HP/RS graduates in Q7:Q8, to 70.0% of respondents who graduated in Q9:Q10. The trend reversed with a decrease in satisfaction (66.5%) reported by graduates in Q11:Q12.
- HP/RS satisfaction levels have remained below the all program average for the comparable period.



3.8

### **3.9 OTHER PROGRAM AREAS**

Architectural Engineering

Automotive Mechanic/Technician

Computer Installer and Repairer

Custodian/Caretaker

Desktop Publishing Equipment Operator

Electrical, Electronic & Communications Engineering

Journalism

Security and Loss Prevention

Truck/Bus/Commercial Vehicle Operator

Vehicle and Mobile Equipment Mechanics



## 3.9 Other

### KEY STATISTICS

	Characteristics	Other			Index of Employment Outcomes			
		n= 106	n= 158	n= 28	n= 293	n= 4151		
Demographics	Female	%	14.2%	21.2%	21.4%	64.1%	0.34	
	Male	%	85.8%	78.8%	78.6%	35.9%	2.17	
	Aboriginal	%	4.7%	3.8%	7.1%	3.1%	0.58	
	Visible Minority	%	30.2%	18.8%	46.4%	21.2%	1.14	
	Long-term Health Condition	%	11.3%	10.3%	10.7%	13.3%	0.90	
	Age: 30 years and less	%	23.6%	33.3%	17.9%	35.8%	0.83	
	31-45 years	%	47.2%	48.1%	39.3%	43.7%	1.09	
	46+ years	%	27.4%	17.9%	30.3%	18.8%	1.15	
Region	Vancouver Island	%	18.9%	28.8%	17.9%	31.1%	20.7%	1.50
	Lower Mainland	%	74.5%	61.5%	71.4%	59.7%	63.8%	0.94
	Thompson-Okanagan	%	3.8%	4.5%	7.1%	4.4%	9.8%	0.45
	Kootenay	%	1.9%	1.3%	3.6%	1.4%	1.0%	1.35
	Cariboo	%	n/a	0.6%	n/a	0.7%	1.8%	0.37
	North Coast	%	n/a	n/a	n/a	n/a	0.2%	n/a
	Nechako	%	n/a	n/a	n/a	n/a	0.2%	n/a
	Northeast	%	n/a	0.6%	n/a	0.3%	0.2%	2.02
Highest Level of Education	Outside B.C./Canada	%	0.9%	2.6%	n/a	2.4%	2.2%	1.09
	Less than Grade 12	%	17.9%	14.1%	25.0%	15.4%	11.1%	1.38
	High School Graduate	%	25.5%	26.3%	21.4%	26.6%	27.1%	0.98
	Registered Apprentice	%	20.8%	15.4%	25.0%	17.1%	15.1%	1.13
	College Diploma	%	16.0%	18.6%	17.9%	19.5%	20.0%	0.93
	University-Non Degree	%	1.9%	3.8%	n/a	3.1%	2.4%	1.26
	Bachelor's Degree	%	7.5%	9.6%	7.1%	8.5%	8.8%	0.97
	Post Graduate Degree	%	2.8%	3.2%	n/a	2.7%	4.0%	0.69
English Abilities	Other/did not complete program	%	7.5%	9.0%	3.6%	7.2%	10.4%	0.69
	Reading English - Very Good	%	58.5%	70.5%	39.3%	68.9%	78.8%	0.88
	Written English - Very Good	%	55.7%	65.4%	39.3%	64.2%	75.7%	0.85
Prev Work	Spoken English - Very Good	%	72.6%	85.3%	50.0%	81.6%	85.1%	0.96
	Paid Related Work Experience <sup>(10)</sup>	%	57.3%	45.7%	74.1%	52.0%	46.9%	1.11
	Unpaid Related Work Experience <sup>(10)</sup>	%	18.7%	15.4%	22.2%	17.1%	26.6%	0.64

Note: Totals may not add to 100% due to missing data/no response.

- Footnotes:
- Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" n = 4,151
  - Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers<1.00 are below average.
  - # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.
  - # found work / # found work + # looking for work.
  - Excludes self-employed graduates.
  - % includes those respondents who found work while in their program.
  - Full-time defined as working more than 30 hours per week.
  - % who would enroll again.
  - Excluding N/A responses.
  - Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

# 3.9

## 3.9 Other

### KEY STATISTICS

	Characteristics	Other			All Employment Outcomes		
		Pre-Program Unemployed	Post- Program Employed	Pre- & Post- Program Unemployed	Other	All Programs	Index
Of Rec'd	Not working/seeking employment	%	n= 106	n= 158	n= 28	n= 293	n= 4181
	Working	%	n/a	44.2%	n/a	36.2%	30.2%
	Not working/unavailable to work	%	n/a	32.1%	n/a	45.7%	40.7%
Of Resp	Found new/different work	%	85.1%	100.0%	n/a	57.3%	80.1%
	Same work/same employer	%	n/a	n/a	n/a	16.7%	13.2%
	Not working/seeking employment	%	26.4%	n/a	n/a	14.7%	15.9%
Of Employed	Not working/unavailable to work	%	8.5%	n/a	n/a	11.3%	10.6%
	Found Work Calculation <sup>(1)</sup>	%	71.1%	n/a	n/a	79.6%	79.0%
	Employed in training-related work	%	59.4%	60.3%	n/a	60.3%	74.3%
	Usefulness of training in getting work <sup>(2)</sup>	%	53.2%	58.7%	n/a	56.7%	72.1%
	Usefulness of training in performing work	%	62.3%	60.9%	n/a	60.9%	76.1%
	Found work while in program <sup>(3)</sup>	%	16.5%	21.4%	n/a	19.9%	24.1%
	Found work within 8 weeks of grad <sup>(4)</sup>	%	86.7%	86.3%	n/a	86.3%	79.0%
	Avg. Salary of Full-Time workers <sup>(5)</sup>	\$/yr	\$25,181	\$27,409	n/a	\$29,440	\$28,454
	Avg. Salary of Part-Time workers <sup>(6)</sup>	\$/yr	\$10,884	\$10,924	n/a	\$11,118	\$13,381
% of Respondents Satisfied	Overall satisfaction with program <sup>(7)</sup>	%	69.8%	73.7%	60.7%	72.4%	78.0%
	Overall satisfaction with program and institute <sup>(8)</sup>	%	66.0%	69.9%	64.3%	71.3%	71.8%
	Program Content	%	71.7%	78.3%	64.3%	72.4%	75.7%
Goals	Instruction	%	78.4%	80.8%	71.4%	77.5%	75.5%
	Learning Materials	%	59.4%	64.7%	53.6%	65.2%	70.9%
	Computer Hardware <sup>(9)</sup>	%	85.0%	57.0%	61.5%	59.3%	68.9%
	Computer Software <sup>(10)</sup>	%	64.4%	64.0%	53.8%	63.8%	75.2%
	Equip. Other Than Computers <sup>(11)</sup>	%	70.8%	70.2%	73.7%	74.5%	69.0%
	Main reason for enrolling was met	%	66.0%	76.3%	57.1%	74.1%	80.5%
	Program provided skills expected	%	83.0%	92.3%	71.4%	87.4%	90.2%

Note: Totals may not add to 100% due to missing data/no response.

Footnotes:

- Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" n = 4,181
- Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers<1.00 are below average.
- # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.
- # found work / (# found work + # looking for work).
- Excludes self-employed graduates.
- % includes those respondents who found work while in their program.
- Full-time defined as working more than 30 hours per week.
- % who would enroll again.
- Excluding N/A responses.
- Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduate who had actively looked for work.

### 3.9 Other

#### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n=0. Statistics are not detailed separately for CIP areas with small sample sizes.

	Characteristics	Other			All Programs		
		n= 10	n= 10	n= 12	n= 293	n= 4151	
Demographics	Female	%	70.0%	40.0%	n/a	64.1%	0.34
	Male	%	30.0%	60.0%	100.0%	35.9%	2.17
	Aboriginal	%	n/a	n/a	n/a	5.3%	0.58
	Visible Minority	%	n/a	10.0%	91.7%	21.2%	1.14
	Long-term Health Condition	%	10.0%	10.0%	16.7%	13.3%	1.47
	Age: 30 years and less	%	80.0%	70.0%	n/a	35.8%	0.83
	31-45 years	%	20.0%	30.0%	58.3%	43.7%	1.08
	46+ years	%	n/a	n/a	41.7%	18.8%	1.15
Region	Vancouver Island	%	30.0%	90.0%	n/a	31.1%	1.50
	Lower Mainland	%	10.0%	10.0%	100.0%	59.7%	0.94
	Thompson-Okanagan	%	20.0%	n/a	n/a	9.8%	0.45
	Kootenay	%	10.0%	n/a	n/a	1.0%	1.35
	Cariboo	%	n/a	n/a	n/a	1.8%	0.37
	North Coast	%	n/a	n/a	n/a	0.2%	n/a
	Nechako	%	n/a	n/a	n/a	0.2%	n/a
	Northeast	%	10.0%	n/a	n/a	0.2%	2.02
Highest Level of Education	Outside B.C./Canada	%	20.0%	n/a	n/a	2.2%	1.09
	Less than Grade 12	%	n/a	10.0%	n/a	15.4%	1.38
	High School Graduate	%	n/a	30.0%	33.3%	26.6%	0.98
	Registered Apprentice	%	10.0%	n/a	25.0%	17.1%	1.13
	College Diploma	%	30.0%	30.0%	25.0%	19.5%	0.93
	University-Non Degree	%	10.0%	10.0%	n/a	3.1%	1.26
	Bachelor's Degree	%	40.0%	10.0%	16.7%	8.5%	0.97
	Post Graduate Degree	%	n/a	n/a	n/a	2.7%	4.0%
English Abilities	Other/did not complete program	%	10.0%	10.0%	n/a	7.2%	0.69
	Reading English - Very Good	%	100.0%	90.0%	8.3%	68.9%	0.86
	Written English - Very Good	%	100.0%	100.0%	8.3%	64.2%	0.86
	Spoken English - Very Good	%	100.0%	100.0%	8.3%	81.6%	0.86
Prior Work	Paid Related Work Experience <sup>(10)</sup>	%	25.0%	33.3%	77.8%	52.0%	46.9%
	Unpaid Related Work Experience <sup>(10)</sup>	%	25.0%	33.3%	11.1%	17.1%	26.8%

Note: Totals may not add to 100% due to missing data/no response.

- Footnotes:
1. Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs": n = 4,151
  2. Index = Individual Program value / All Program value. The average > 1.00, numbers > 1.00 are above average and numbers < 1.00 are below average
  3. # of graduates who found a new or different work. Does not include those respondents who were working in the same work/employer before and after the program.
  4. # found work / (# found work + # looking for work).
  5. Excludes self-employed graduates.
  6. % includes those respondents who found work while in their program.
  7. Full-time defined as working more than 30 hours per week.
  8. % who would enroll again.
  9. Excluding N/A responses.
  10. Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

# 3.9

## 3.9 Other

### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n>0. Statistics are not detailed separately for CIP areas with small sample sizes.

	Characteristics	Other			Program Outcomes		
		n= 10	n= 10	n= 12	n= 293	n= 4151	n= 12
Off Resp	Not working/seeking employment	%	n/a	n/a	91.7%	36.2%	30.2%
	Working	%	100.0%	90.0%	8.3%	45.7%	40.7%
	Not working/unavailable to work	%	n/a	10.0%	n/a	18.1%	28.9%
Off Resp	Found new/different work	%	70.0%	50.0%	50.0%	57.3%	60.1%
	Same work/same employer	%	10.0%	20.0%	8.3%	18.7%	13.2%
	Not working/seeking employment	%	10.0%	n/a	41.7%	14.7%	15.9%
Off Employed	Not working/unavailable to work	%	10.0%	30.0%	n/a	11.3%	10.6%
	Found Work Calculation <sup>(16)</sup>	%	87.5%	n/a	54.5%	79.0%	79.0%
	Employed in training-related work	%	85.7%	40.0%	50.0%	60.3%	74.3%
Off Employed	Usefulness of training in getting work <sup>(17)</sup>	%	66.7%	33.3%	25.0%	56.7%	72.1%
	Usefulness of training in performing work	%	100.0%	40.0%	50.0%	60.0%	76.1%
	Found work while in program <sup>(18)</sup>	%	n/a	20.0%	16.7%	19.9%	24.1%
Off Employed	Found work within 8 weeks of grad <sup>(19)</sup>	%	33.3%	n/a	50.0%	86.3%	79.0%
	Avg. Salary of Full-Time workers <sup>(20)</sup>	\$/yr	\$16,750	\$33,500	\$21,303	\$29,440	\$26,454
	Avg. Salary of Part-Time workers <sup>(20)</sup>	\$/yr	\$12,350	\$8,719	\$2,730	\$11,118	\$13,381
% of Respondents Satisfied	Overall satisfaction with program <sup>(21)</sup>	%	70.0%	50.0%	58.3%	72.4%	78.0%
	Overall satisfaction with program and institute <sup>(22)</sup>	%	80.0%	30.0%	50.0%	71.3%	71.8%
	Program Content	%	80.0%	30.0%	50.0%	72.4%	75.7%
Goals	Instruction	%	70.0%	50.0%	50.0%	77.5%	75.5%
	Learning Materials	%	70.0%	60.0%	25.0%	65.2%	70.9%
	Computer Hardware <sup>(23)</sup>	%	40.0%	44.4%	88.9%	59.3%	68.9%
Goals	Computer Software <sup>(23)</sup>	%	70.0%	56.6%	88.7%	63.8%	75.2%
	Equip. Other Than Computers <sup>(23)</sup>	%	100.0%	66.7%	44.4%	74.5%	60.0%
	Main reason for enrolling was met	%	100.0%	70.0%	58.3%	74.1%	80.5%
	Program provided skills expected	%	100.0%	90.0%	66.7%	87.4%	90.2%

Note: Totals may not add to 100% due to missing data/no response.

#### Footnotes:

1. Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for 'All Programs': n = 4,151
2. Index = Individual Program value / All Program value. The averages > 1.00, numbers > 1.00 are above average and numbers < 1.00 are below average.
3. # of graduates who found a new or different work. Does not include those respondents who were working in the same workplace before and after the program.
4. # found work / (# found work + # looking for work).
5. Excludes self-employed graduates.
6. % includes those respondents who found work while in their program.
7. Full-time defined as working more than 30 hours per week.
8. % who would enroll again.
9. Excluding N/A response.
10. Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

### 3.9 Other

#### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n<8. Statistics are not detailed separately for CIP areas with small sample sizes.

	Characteristics	Other			Other	All Programs	n=4151	
		n=49	n=73	n=17				
Demographics	Female	%	30.6%	13.3%	11.8%	21.8%	64.1%	0.34
	Male	%	69.4%	86.7%	88.2%	78.2%	35.9%	2.17
	Aboriginal	%	2.0%	8.0%	n/a	3.1%	5.3%	0.58
	Visible Minority	%	34.7%	13.3%	29.4%	21.2%	18.5%	1.14
	Long-term Health Condition	%	12.2%	17.3%	5.9%	13.3%	9.0%	1.47
	Age: 30 years and less	%	22.4%	38.7%	23.5%	35.8%	43.0%	0.83
	31-45 years	%	44.9%	32.0%	64.7%	43.7%	40.2%	1.09
	46+ years	%	30.6%	26.7%	11.8%	18.8%	16.3%	1.15
	Vancouver Island	%	n/a	86.7%	17.8%	31.1%	20.7%	1.50
	Lower Mainland	%	98.0%	30.7%	82.4%	59.7%	63.8%	0.94
Region	Thompson-Okanagan	%	2.0%	1.3%	n/a	4.4%	9.8%	0.45
	Kootenay	%	n/a	1.3%	n/a	1.4%	1.0%	1.35
	Cariboo	%	n/a	n/a	n/a	0.7%	1.8%	0.37
	North Coast	%	n/a	n/a	n/a	n/a	0.2%	n/a
	Nechako	%	n/a	n/a	n/a	n/a	0.2%	n/a
	Northeast	%	n/a	n/a	n/a	0.3%	0.2%	2.02
	Outside B.C./Canada	%	n/a	n/a	n/a	2.4%	2.2%	1.06
	Total	%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Highest Level of Education	Less than Grade 12	%	18.4%	22.7%	5.9%	15.4%	11.1%	1.38
	High School Graduate	%	34.7%	30.7%	11.8%	26.6%	27.1%	0.96
	Registered Apprentice	%	18.3%	20.0%	11.8%	17.1%	15.1%	1.13
	College Diploma	%	10.3%	14.7%	23.5%	19.5%	20.9%	0.80
	University-Non Degree	%	2.0%	4.0%	5.9%	3.1%	2.4%	1.26
	Bachelor's Degree	%	4.1%	n/a	23.5%	8.5%	8.8%	0.97
	Post Graduate Degree	%	4.1%	4.0%	n/a	2.7%	4.0%	0.69
	Other/did not complete program	%	4.1%	4.0%	17.6%	7.2%	10.4%	0.69
English Ability	Reading English - Very Good	%	57.1%	74.7%	88.2%	68.9%	78.8%	0.88
	Written English - Very Good	%	49.0%	68.7%	70.6%	64.2%	75.7%	0.86
	Spoken English - Very Good	%	61.2%	92.0%	82.4%	81.6%	85.1%	0.96
Paid Work	Paid Related Work Experience <sup>(10)</sup>	%	65.4%	48.5%	20.0%	52.0%	48.9%	1.11
	Unpaid Related Work Experience <sup>(10)</sup>	%	25.0%	15.2%	40.0%	17.1%	26.8%	0.64

Note: Totals may not add to 100% due to missing data/no response.

Footnotes: 1. Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" n = 4,151.

2. Index = Individual Program value / All Program value. The average > 1.00, numbers > 1.00 are above average and numbers < 1.00 are below average.

3. # of graduates who found a new or different work. Does not include those respondents who were working in the same work/employer before and after the program.

4. # found work / (# found work + # looking for work).

5. Excludes self-employed graduates.

6. % includes those respondents who found work while in their program.

7. Full-time defined as working more than 30 hours per week.

8. % who would enroll again.

9. Excluding N/A responses.

10. Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

# 3.9

## 3.9 Other

### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n>0. Statistics are not detailed separately for CIP areas with small sample sizes.

	Characteristics	n= 49	n= 75	n= 17	n= 293	n= 4,131	All Programs
Of Resp	Not working/seeking employment	%	53.1%	30.7%	23.5%	38.2%	30.2%
	Working	%	30.6%	44.0%	52.9%	45.7%	40.7%
	Not working/unavailable to work	%	16.3%	25.3%	23.5%	18.1%	28.9%
Of Resp	Found new/different work	%	55.1%	57.3%	52.9%	57.3%	60.1%
	Same work/same employer	%	10.2%	20.0%	5.9%	18.7%	13.2%
	Not working/seeking employment	%	26.5%	9.3%	23.5%	14.7%	15.9%
Of Employed	Not working/unavailable to work	%	8.2%	13.3%	17.6%	11.3%	10.6%
	Found Work Calculation <sup>10</sup>	%	67.5%	66.0%	69.2%	79.6%	79.0%
	Employed in training-related work	%	80.0%	53.7%	55.6%	60.3%	74.3%
Of Employed	Usefulness of training in getting work <sup>11</sup>	%	83.3%	51.9%	66.7%	58.7%	72.1%
	Usefulness of training in performing work	%	80.0%	51.2%	55.6%	60.9%	78.1%
	Found work while in program <sup>12</sup>	%	40.0%	17.1%	33.3%	19.9%	24.1%
Of Respondents Satisfied	Found work within 8 weeks of grad <sup>13</sup>	%	7.7%	n/a	33.3%	36.3%	79.0%
	Avg. Salary of Full-Time workers <sup>14</sup>	\$/y	\$25,270	\$28,020	\$32,011	\$29,440	\$26,454
	Avg. Salary of Part-Time workers <sup>15</sup>	\$/y	\$12,170	\$10,666	\$9,848	\$11,118	\$13,381
% of Respondents Satisfied	Overall satisfaction with program <sup>16</sup>	%	75.5%	61.3%	52.9%	72.4%	78.0%
	Overall satisfaction with program and institute <sup>17</sup>	%	81.6%	82.7%	41.2%	71.3%	71.8%
	Program Content	%	79.6%	77.3%	47.1%	72.4%	75.7%
Goals	Instruction	%	85.7%	89.3%	52.9%	77.5%	75.5%
	Learning Materials	%	69.4%	78.7%	58.0%	65.2%	70.9%
	Computer Hardware <sup>18</sup>	%	60.0%	100.0%	58.8%	58.3%	68.9%
Equip.	Computer Software <sup>19</sup>	%	64.7%	100.0%	58.8%	63.8%	75.2%
	Equip. Other Than Computers <sup>20</sup>	%	86.5%	79.4%	69.2%	74.5%	80.0%
	Main reason for enrolling was met	%	75.5%	73.3%	58.8%	74.1%	80.5%
Goals	Program provided skills expected	%	89.8%	86.7%	76.5%	87.4%	90.2%

Note: Totals may not add to 100% due to missing data/no response.

#### Footnotes:

- Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" - n = 4,131
- Index = Individual Program value / All Program value. The averages > 1.00, numbers > 1.00 are above average and numbers < 1.00 are below average.
- # of graduates who found a new or different work. Does not include those respondents who were working in the same work/employer before and after the program.
- # found work / (# found work + # looking for work).
- Excludes self-employed graduates.
- % includes those respondents who found work while in their program.
- Full-time defined as working more than 30 hours per week.
- % who would enroll again.
- Excluding N/A responses.
- Questions only asked of i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

### 3.9 Other

#### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)<sup>17</sup>

<sup>17</sup>CIP AREAS WITH n>8. Statistics are not detailed separately for CIP areas with small sample sizes.

Characteristics	Other							
	n= 19	n= 21	n= 18	n= 293	n= 4151	All Programs		
Demographics	Female	%	5.3%	14.3%	25.0%	21.8%	64.1%	0.34
	Male	%	94.7%	85.7%	75.0%	78.2%	35.9%	2.17
	Aboriginal	%	n/a	4.8%	n/a	3.1%	8.3%	0.58
	Visible Minority	%	31.6%	9.5%	25.0%	21.2%	18.5%	1.14
	Long-term Health Condition	%	10.5%	n/a	6.3%	13.3%	9.0%	1.47
	Age: 30 years and less	%	42.1%	42.9%	50.0%	35.8%	43.0%	0.83
	31-45 years	%	47.4%	52.4%	43.8%	43.7%	40.2%	1.09
	46+ years	%	5.3%	4.8%	6.3%	18.8%	16.3%	1.15
	Vancouver Island	%	n/a	n/a	n/a	31.1%	20.7%	1.50
	Lower Mainland	%	100.0%	90.5%	100.0%	59.7%	63.8%	0.94
Region	Thompson-Okanagan	%	n/a	n/a	n/a	4.4%	9.8%	0.45
	Kootenay	%	n/a	4.8%	n/a	1.4%	1.0%	1.35
	Cariboo	%	n/a	n/a	n/a	0.7%	1.8%	0.37
	North Coast	%	n/a	n/a	n/a	n/a	0.2%	n/a
	Nechako	%	n/a	n/a	n/a	n/a	0.2%	n/a
	Northeast	%	n/a	n/a	n/a	0.3%	0.2%	2.02
	Outside B.C./Canada	%	n/a	4.8%	n/a	2.4%	2.2%	1.09
Highest Level of Education	Less than Grade 12	%	31.6%	9.5%	n/a	15.4%	11.1%	1.38
	High School Graduate	%	10.5%	33.3%	12.5%	26.6%	27.1%	0.98
	Registered Apprentice	%	10.5%	23.8%	16.8%	17.1%	15.1%	1.13
	College Diploma	%	15.8%	23.8%	18.8%	19.5%	20.9%	0.93
	University-Non Degree	%	5.3%	n/a	n/a	3.1%	2.4%	1.26
	Bachelor's Degree	%	10.5%	n/a	18.8%	8.5%	8.8%	0.97
	Post Graduate Degree	%	5.3%	n/a	6.3%	2.7%	4.0%	0.69
	Other/did not complete program	%	10.5%	9.5%	25.0%	7.2%	10.4%	0.69
English Abilities	Reading English - Very Good	%	36.8%	85.7%	68.8%	68.9%	78.8%	0.88
	Written English - Very Good	%	42.1%	85.7%	62.5%	64.2%	75.7%	0.85
	Spoken English - Very Good	%	63.2%	90.5%	87.5%	81.6%	85.1%	0.96
Prev Work	Paid Related Work Experience <sup>18</sup>	%	41.7%	58.3%	77.8%	52.0%	46.9%	1.11
	Unpaid Related Work Experience <sup>19</sup>	%	n/a	12.5%	33.3%	17.1%	26.6%	0.64

Note: Totals may not add to 100% due to missing data/no response.

- Footnotes:
- Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs": n = 4,151
  - Index = Individual Program value / All Program value. The average > 1.00, numbers > 1.00 are above average and numbers < 1.00 are below average.
  - 6 of graduates who found a new or different work. Does not include those respondents who were working in the same work/employer before and after the program.
  - 4 found work / (4 found work + # looking for work)
  - Excludes self-employed graduates.
  - % includes those respondents who found work while in their program.
  - Full-time defined as working more than 30 hours per week.
  - % who would enroll again.
  - Excluding N/A responses.
  - Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

# 3.9

## 3.9 Other

### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n=8. Statistics are not detailed separately for CIP areas with small sample sizes.

	Characteristics	Other			Program Status	Index	All Programs	n= 4,151
		n= 19	n= 21	n= 18				
Of Rep.	Not working/seeking employment	%	47.4%	66.7%	50.0%	38.2%	30.2%	1.20
	Working	%	42.1%	19.0%	31.3%	45.7%	40.7%	1.12
	Not working/unavailable to work	%	10.5%	14.3%	18.8%	18.1%	28.9%	0.83
Of Rep.	Found new/different work	%	57.9%	66.7%	68.8%	57.3%	60.1%	0.96
	Same work/same employer	%	15.8%	4.8%	8.3%	18.7%	13.2%	1.27
	Not working/seeking employment	%	15.8%	14.3%	18.8%	14.7%	15.9%	0.92
Of Engaged	Not working/unavailable to work	%	10.5%	14.3%	6.3%	11.3%	10.6%	1.06
	Found Work Calculation <sup>16</sup>	%	78.6%	82.4%	78.8%	79.8%	79.0%	1.01
	Employed in training-related work	%	45.6%	60.2%	72.7%	60.3%	74.3%	0.81
Of Engaged	Usefulness of training in getting work <sup>17</sup>	%	55.6%	53.8%	50.0%	56.7%	72.1%	0.79
	Usefulness of training in performing work	%	63.6%	61.5%	72.7%	60.9%	78.1%	0.80
	Found work while in program <sup>18</sup>	%	18.2%	n/a	18.2%	19.9%	24.1%	0.82
Of Engaged	Found work within 8 weeks of grad <sup>19</sup>	%	n/a	n/a	50.0%	86.3%	79.0%	1.09
	Avg. Salary of Full-Time workers <sup>20</sup>	\$y.	\$24,457	\$28,930	\$27,197	\$29,440	\$26,454	1.11
	Avg. Salary of Part-Time workers <sup>21</sup>	\$y.	\$11,343	\$11,622	\$10,580	\$11,118	\$13,381	0.83
Of Rep.	Overall satisfaction with program <sup>22</sup>	%	73.7%	47.6%	82.5%	72.4%	78.0%	0.93
	Overall satisfaction with program and institute <sup>23</sup>	%	52.6%	71.4%	43.8%	71.3%	71.8%	0.99
	Program Content	%	94.7%	47.6%	56.3%	72.4%	75.7%	0.96
Of Rep.	Instruction	%	84.2%	57.1%	56.3%	77.5%	75.5%	1.03
	Learning Materials	%	78.9%	38.1%	37.5%	65.2%	70.9%	0.92
	Computer Hardware <sup>24</sup>	%	50.0%	68.2%	50.0%	59.3%	68.9%	0.86
Of Rep.	Computer Software <sup>25</sup>	%	40.0%	82.4%	62.5%	63.8%	75.2%	0.85
	Equip. Other Than Computers <sup>26</sup>	%	73.7%	58.8%	50.0%	74.5%	69.0%	1.08
	Main reason for enrolling was met	%	73.7%	61.9%	62.5%	74.1%	80.5%	0.92
Goals	Program provided skills expected	%	84.2%	81.0%	87.5%	87.4%	90.2%	0.97

Note: Totals may not add to 100% due to missing data/no response.

- Footnotes:
- Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs": n = 4,151
  - Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers<1.00 are below average.
  - # of graduates who found a new or different work. Does not include those respondents who were working in the same work/employer before and after the program.
  - # found work / (# found work + # looking for work).
  - Excludes self-employed graduates.
  - % includes those respondents who found work while in their program.
  - Full-time defined as working more than 30 hours per week.
  - % who would enroll again.
  - Excluding N/A responses.
  - Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

### 3.9 Other

#### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)\*

\*CIP AREAS WITH n>6. Statistics are not detailed separately for CIP areas with small sample sizes.

	Characteristics	Other		Program Areas		
		n= 22	n= n/a	n= n/a	n= 293	n= 4151
Demographic	Female	%	13.6%	n/a	n/a	21.8%
	Male	%	86.4%	n/a	n/a	78.2%
	Aboriginal	%	n/a	n/a	n/a	3.1%
	Visible Minority	%	4.5%	n/a	n/a	21.2%
	Long-term Health Condition	%	27.3%	n/a	n/a	13.3%
	Age: 30 years and less	%	18.2%	n/a	n/a	35.8%
	31-45 years	%	54.5%	n/a	n/a	43.7%
	46+ years	%	22.7%	n/a	n/a	16.8%
Region	Vancouver Island	%	95.5%	n/a	n/a	31.1%
	Lower Mainland	%	4.5%	n/a	n/a	68.7%
	Thompson-Okanagan	%	n/a	n/a	n/a	4.4%
	Kootenay	%	n/a	n/a	n/a	1.4%
	Cariboo	%	n/a	n/a	n/a	0.7%
	North Coast	%	n/a	n/a	n/a	0.2%
	Nechako	%	n/a	n/a	n/a	0.2%
	Northeast	%	n/a	n/a	n/a	0.3%
Highest Level of Education	Outside B.C./Canada	%	n/a	n/a	n/a	2.4%
	Less than Grade 12	%	4.5%	n/a	n/a	15.4%
	High School Graduate	%	36.4%	n/a	n/a	26.6%
	Registered Apprentice	%	27.3%	n/a	n/a	17.1%
	College Diploma	%	22.7%	n/a	n/a	19.5%
	University-Non Degree	%	n/a	n/a	n/a	3.1%
	Bachelor's Degree	%	4.5%	n/a	n/a	8.8%
	Post Graduate Degree	%	n/a	n/a	n/a	2.7%
English Ability	Other/did not complete program	%	4.5%	n/a	n/a	7.2%
	Reading English - Very Good	%	59.1%	n/a	n/a	68.9%
	Written English - Very Good	%	59.1%	n/a	n/a	64.2%
	Spoken English - Very Good	%	100.0%	n/a	n/a	81.6%
	Paid Related Work Experience <sup>(15)</sup>	%	n/a	n/a	n/a	52.0%
	Unpaid Related Work Experience <sup>(16)</sup>	%	n/a	n/a	n/a	17.1%
	Full-time Work	%	n/a	n/a	n/a	48.9%
	Part-time Work	%	n/a	n/a	n/a	26.6%
Prev Work	Note: Totals may not add to 100% due to missing data/no response.					
	1. Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs": n = 4,151					
	2. Index = Individual Program value / All Program value. The average > 1.00, numbers > 1.00 are above average and numbers < 1.00 are below average.					
	3. # of graduates who found a new or different work. Does not include those respondents who were working in the same workplace before and after the program.					
	4. # found work / (# found work + # looking for work).					
	5. Excludes self-employed graduates.					
	6. % includes those respondents who found work while in their program.					
	7. Full-time defined as working more than 30 hours per week.					
	8. % who would enroll again.					
	9. Excluding N/A responses.					
	10. Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.					

Note: Totals may not add to 100% due to missing data/no response.

- Footnotes:
- Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs": n = 4,151
  - Index = Individual Program value / All Program value. The average > 1.00, numbers > 1.00 are above average and numbers < 1.00 are below average.
  - # of graduates who found a new or different work. Does not include those respondents who were working in the same workplace before and after the program.
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  - % includes those respondents who found work while in their program.
  - Full-time defined as working more than 30 hours per week.
  - % who would enroll again.
  - Excluding N/A responses.
  - Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

# 3.9

## 3.9 Other

### KEY STATISTICS FOR DETAILED PROGRAM AREAS (CIP CLASSIFICATION)<sup>a</sup>

<sup>a</sup>CIP AREAS WITH n=8. Statistics are not detailed separately for CIP areas with small sample sizes.

	Indicator	Other			All Programs		
		n= 22	n= n/a	n= n/a	n= 293	n= 4151	
Not working/seeking employment	%	9.1%	n/a	n/a	36.2%	30.2%	1.20
Working	%	68.2%	n/a	n/a	45.7%	40.7%	1.12
Not working/unavailable to work	%	22.7%	n/a	n/a	18.1%	28.9%	0.63
Found new/different work	%	31.8%	n/a	n/a	57.3%	60.1%	0.95
Same work/same employer	%	54.5%	n/a	n/a	16.7%	13.2%	1.27
Not working/seeking employment	%	4.5%	n/a	n/a	14.7%	15.9%	0.92
Not working/unavailable to work	%	8.1%	n/a	n/a	11.3%	10.6%	1.06
Found Work Calculation <sup>b</sup>	%	87.5%	n/a	n/a	79.8%	79.0%	1.01
Employed in training-related work	%	50.0%	n/a	n/a	60.3%	74.3%	0.81
Usefulness of training in getting work <sup>c</sup>	%	100.0%	n/a	n/a	58.7%	72.1%	0.79
Usefulness of training in performing work	%	50.0%	n/a	n/a	60.9%	78.1%	0.80
Found work while in program <sup>d</sup>	%	16.7%	n/a	n/a	19.9%	24.1%	0.82
Found work within 8 weeks of grad <sup>e,f</sup>	%	n/a	n/a	n/a	66.3%	79.0%	1.00
Avg. Salary of Full-Time workers <sup>g</sup>	\$/yr	\$63,384	n/a	n/a	\$29,440	\$28,454	1.11
Avg. Salary of Part-Time workers <sup>g</sup>	\$/yr	\$23,400	n/a	n/a	\$11,118	\$13,381	0.83
Overall satisfaction with program <sup>h</sup>	%	95.5%	n/a	n/a	72.4%	78.0%	0.93
Overall satisfaction with program and institute <sup>h</sup>	%	95.5%	n/a	n/a	71.3%	71.8%	0.99
Program Content	%	90.9%	n/a	n/a	72.4%	75.7%	0.96
Instruction	%	95.5%	n/a	n/a	77.5%	75.5%	1.03
Learning Materials	%	86.4%	n/a	n/a	65.2%	70.0%	0.92
Computer Hardware <sup>i</sup>	%	n/a	n/a	n/a	59.3%	68.9%	0.86
Computer Software <sup>i</sup>	%	n/a	n/a	n/a	63.8%	75.2%	0.85
Equip. Other Than Computers <sup>i</sup>	%	86.9%	n/a	n/a	74.5%	80.0%	1.06
Main reason for enrolling was met	%	95.5%	n/a	n/a	74.1%	80.5%	0.92
Program provided skills expected	%	100.0%	n/a	n/a	87.4%	90.2%	0.97

Note: Totals may not add to 100% due to missing data/no response.

#### Footnotes:

1. Includes responses of all graduates regardless of pre/post-program status. Calculation of Employment Outcomes for "All Programs" - n = 4,151
2. Index = Individual Program value / All Program value. The average=1.00, numbers >1.00 are above average and numbers<1.00 are below average.
3. # of graduates who found a new or different work. Does not includes those respondents who were working in the same work/employer before and after the program.
4. # found work / (# found work + # looking for work).
5. Excludes self-employed graduates.
6. % includes those respondents who found work while in their program.
7. Full-time defined as working more than 30 hours per week.
8. % who would enroll again.
9. Excluding N/A responses.
10. Questions only asked of: i) graduates who found work after program completion, and ii) unemployed graduates who had actively looked for work.

## Other Program Areas (OT)

### KEY CHARACTERISTICS

Female/male ratio	0.28:1
Overall satisfaction with program	72.4%
Pre-program employed	45.7%
Post-program employed	74.0%
Went on to new or different job after completed program	57.3%
Average length of time taken to find work	5.2 weeks
Employed in training-related work	60.3%
Average salary (full-time workers)	\$29,440

### INCLUDED IN THIS PROGRAM

- 01.0601 Horticulture Services Operations & Management, General
- 09.0401 Journalism
- 09.0701 Radio & Television Broadcasting
- 15.0101 Architectural Engineering Technology/Technician
- 15.0303 Electrical, Electronic & Communication Engineering Technician
- 20.0604 Custodian/Caretaker
- 31.0101 Parks, Recreation & Leisure Studies
- 42.0601 Counselling Psychology
- 43.0109 Security & Loss Prevention Services
- 43.9999 Protective Services, Other
- 47.0104 Computer Installer & Repairer
- 47.0604 Auto/Automotive Mechanic/Technician
- 47.0606 Small Engine Mechanic & Repairer
- 47.0610 Bicycle Mechanic & Repairer
- 47.0699 Vehicle & Mobile Equipment Mechanics & Repairs, Other
- 47.9999 Mechanics & Repairers, Other
- 48.0101 Drafting, General
- 48.0212 Desktop Publishing Equipment Operator
- 49.0202 Construction Equipment Operator
- 49.0205 Truck, Bus & Other Commercial Vehicle Operator



For this survey administration period (Q9:Q12), OT was characterized by a response rate of 69.6% based on a valid sample of 592 graduates. The not-in-service/wrong number rate was 22.6% for OT graduates.

The following programs areas were amalgamated for analysis purposes due to small sample sizes:

Agricultural Business and Production	Communications	Engineering-related Technologies
Mechanics and Repairers	Precision Production Trades	Protective Services
Psychology	Transportation & Materials Moving Workers	Vocational Home Economics

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# 3.9

## PRE-PROGRAM/POST-PROGRAM STATUS OF TRAINEES

Highlighted in the table below is the distribution of respondents by pre- and post-program status.

**Table 3-9**  
**Distribution of Respondents – by Employment Status**

Program Areas	Total Sample Size	Post-Program Employed	Post-Program Unemployed /Looking	Pre-Post-Program Unemployed /Looking
Agricultural Business and Production	7	3	-	-
Communications	17	11	1	-
Engineering Related Technologies	22	10	5	5
Vocational Home Economics	49	20	10	8
Parks, Recreation, Leisure	3	3	-	-
Psychology	7	2	-	-
Protective Services	80	31	6	6
Mechanics and Repairers	59	26	9	6
Precision Production Trades	16	8	3	1
Transportation and Materials Moving Workers	33	5	3	2
<b>Total</b>	<b>116</b>	<b>51</b>	<b>11</b>	<b>12</b>

Note: The above table does not include the employment status for all respondents due to small sample sizes.

### All Graduates

All survey participants who had completed 75% or more of their program requirements were asked to detail what activities they had been doing prior to enrolling in a OT program as well as their status six months after graduation.

- 36.2% noted that they had not been working but were seeking employment prior to enrolling in the program;
- a slightly higher proportion noted that they had been working (45.7%);
- and 18.1% of graduates had not been working nor actively looking for work.

Program graduates were contacted six months after completion of their program to ascertain their employment status. As highlighted in the Key Statistics table:

- almost seven of ten (74.0%) OT graduates indicated that they were working – either at the same job with the same employer (16.7%) or at a new or different job (57.3%);
- 14.7% of graduates stated that they were unemployed and actively seeking work.

### Excluding Graduates That Are Unavailable for Work

To develop an accurate profile of the impacts of private training, pre- and post-program employment status was also analyzed excluding those graduates who were unavailable to work or not seeking work. Students in this category may be unavailable for a variety of reasons that make it difficult to seek employment (e.g. illness, taking care of family, going

*"It gave me work experience, transferable and specific skills, and a confidence in myself that I never had before."*

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Engineering Related Technologies	22	10	5	5
Vocational Home Economics	49	20	10	8
Parks, Recreation, Leisure	3	3	-	-
Psychology	7	2	-	-
Protective Services	80	31	6	6
Mechanics and Repairers	59	26	9	6
Precision Production Trades	16	8	3	1
Transportation and Materials Moving Workers	33	5	3	2
<b>Total</b>	<b>293</b>	<b>119</b>	<b>37</b>	<b>28</b>

Note: The above table does not include the employment status for all respondents due to small sample sizes.

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*"It gave me work experience, transferable and specific skills, and a confidence in myself that I never had before."*

to school). Table 3-9A focuses on the employment status of those who were working, or unemployed and seeking work.

**Table 3-9A**  
**Pre- and Post-Program Employment Status – OT Graduates**  
**Excluding Graduates Not Seeking Employment**

Status	Pre-Program	Post-Program
Not working/seeking employment	62.2%	17.3%
Working (same job/same employer)	37.8%	19.8%
Found new/different job <sup>a</sup>	n/a	62.9%

n = 156 for pre-program status and n = 248 for post program status

<sup>a</sup>includes those respondents who were with the same employer, but doing a different job

*"I liked the hours of the program which allowed me to work afternoons."*

#### Previously Unemployed Graduates

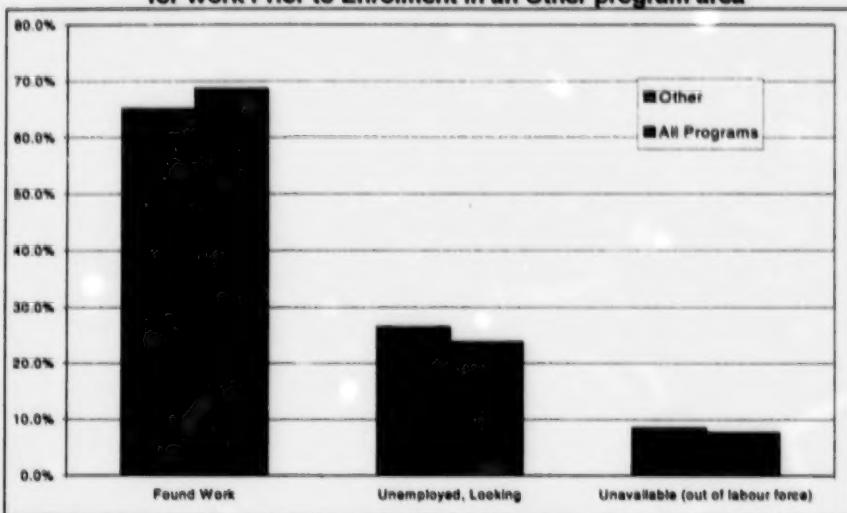
A key issue of the survey is to identify the effectiveness of the training provided in assisting previously unemployed program participants (who were seeking employment) to find work. For example, of the survey participants who graduated from a OT program, 106 or 36.2% indicated that they had not been working and were seeking employment prior to their enrolment in the program. Analysis of the outcomes associated with this group six months after graduation indicates that **65.1% of these previously unemployed graduates were now working** at the time of the interview and just over one-quarter (26.4%) were unemployed and still looking for work.

Found work rates are used to assess the effectiveness in helping previously unemployed participants find work. Found work rates exclude graduates who were unavailable and not looking for work after their program was completed (see section 1.4 for a definition of found work rates). Based on information collected for Q9 to Q12 (March 1998 to February 1999) graduates, the found work rate for previously unemployed OT graduates was calculated to be 71.1% (e.g., 71.1% of those respondents available to work were working at the time of the interview).

The found work rate calculation indicates that of those graduates who were pre-program unemployed (and looking for work), approximately three-quarters of graduates had found work when surveyed six months after graduating from this program.

# 3.9

Chart 3-9A  
Post-Program Status of Graduates Who Were Looking  
for Work Prior to Enrolment in an Other program area



n = 106 for Other program areas and n = 1,260 for all program areas

*"It was a very interesting course. The books we used were very well written and you could follow them easily page by page."*

## TYPE OF WORK FOUND BY PTI GRADUATES WHO WERE PREVIOUSLY UNEMPLOYED

Further analysis of the graduates who were not working prior to enrolling in an institution was carried out to determine what kinds of jobs and in what industries graduates were finding employment.

Detailed in Table 3-9B are the top five occupations and top five industries in which OT graduates found work. Students were asked during the survey to provide their job title, duties and type of industry that they were employed in. Responses were coded according to the National Occupational Classification (NOC) and North American Industry Classification System (NAICS) [previously known as Standard Industry Classification – SIC].

**Table 3-9B****Identification of Key Occupations and Industries In Which Previously Unemployed PTI Graduates Found Employment - OTHER**

Top Five Occupations (% share)		Top Five Industries (% share)	
Security Guards and Related Occupations	14.2%	Investigation, Guard and Armoured Car Services	14.6%
Janitors, Caretakers and Building Superintendents	7.6%	General Medical and Surgical Hospitals	7.3%
Retail Salespersons and Sales Clerks	6.1%	Sawmills and Wood Preservation	7.3%
Light Duty Cleaners	3.6%	Limited-Service Eating Places	4.9%
Other Personal Service Occupations	3.6%	Couriers	2.4%
Total		Total	96.0%

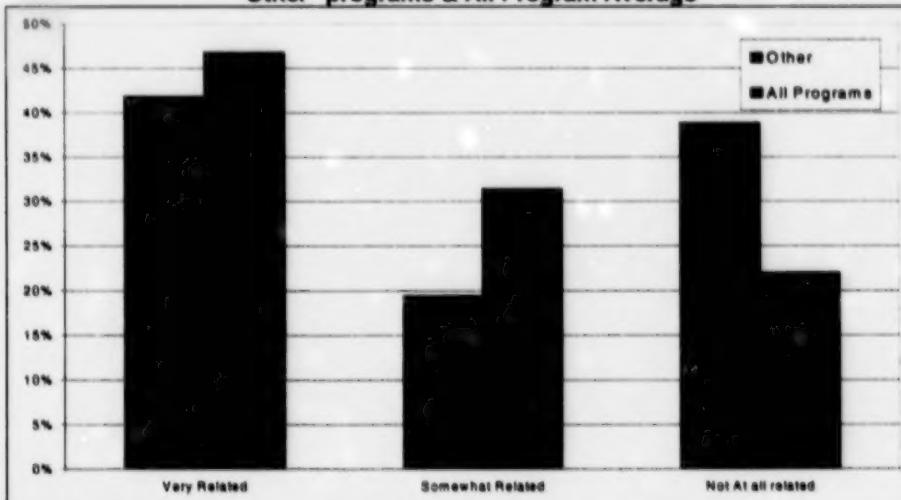
Analysis was also completed to establish the extent to which work found by previously unemployed graduates generally matched the training provided (e.g. proportion of previously unemployed graduates who found work in a training-related area).

For those graduates who were pre-program unemployed, 59.4% reported that they found work in a training-related area. These graduates also reported similar levels of satisfaction with the type of training provided – 53.2% reported that their training was very useful or useful in getting work, and 62.3% reported that their training was very useful or useful in performing work.

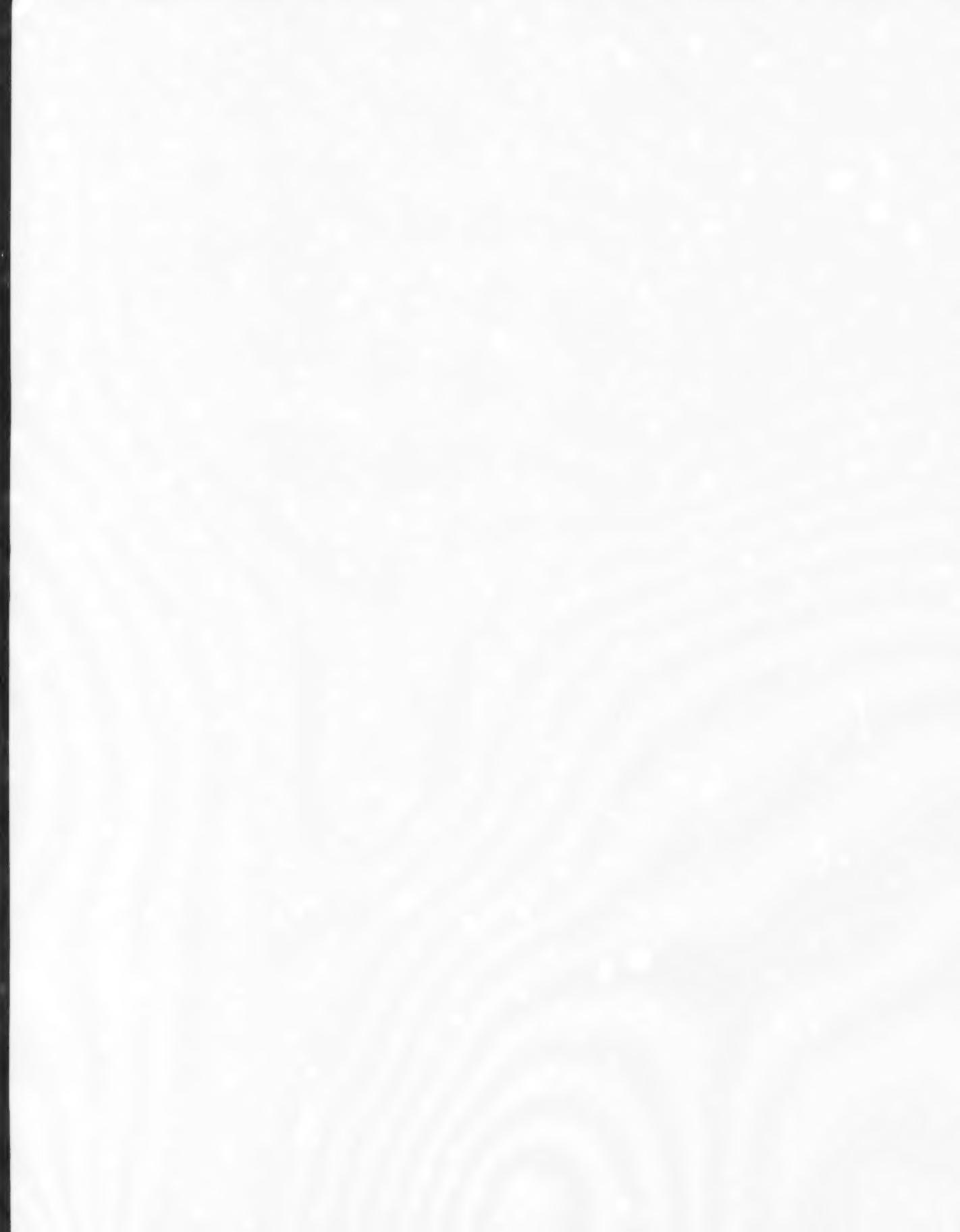
Chart 3-9B highlights the percentage of graduates who report that they found work that was very related (42%) or somewhat related (19%) to the training provided.

Approximately two-fifths (39%) of previously unemployed OT graduates noted that the employment they had secured was not at all related to the training provided at the PTI.

**Chart 3-9B**  
**"Match" Between Training Provided and Work Found**  
**Graduates Who Were Unemployed and Seeking Work Prior to Enrolment in a PTI**  
**"Other" programs & All Program Average**



n = 67 for other program areas and n = 839 for all program areas



**Table 3-9B**  
**Identification of Key Occupations and Industries In Which Previously Unemployed PTI  
Graduates Found Employment - OTHER**

Top Five Occupations (% share)		Top Five Industries (% share)	
Security Guards and Related Occupations	14.2%	Investigation, Guard and Armoured Car Services	14.6%
Janitors, Caretakers and Building Superintendents	7.6%	General Medical and Surgical Hospitals	7.3%
Retail Salespersons and Sales Clerks	6.1%	Sawmills and Wood Preservation	7.3%
Light Duty Cleaners	3.6%	Limited-Service Eating Places	4.9%
Other Personal Service Occupations	3.6%	Couriers	2.4%
<b>% Share of five occupations</b>	<b>35.0%</b>	<b>% Share of five industries</b>	<b>36.6%</b>

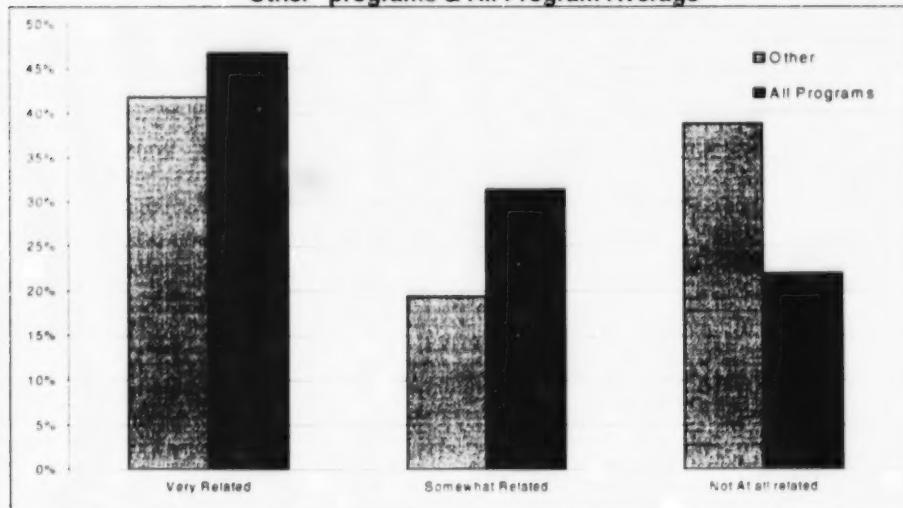
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n = 67 for other program areas and n = 839 for all program areas

# 3.9

## AVERAGE LENGTH OF TIME TAKEN TO FIND WORK

Survey participants who were unemployed (pre-program) and who were seeking employment were asked to indicate the length of time (in weeks) they spent actively looking for their current employment. Analysis of the data indicates that:

- 26.6% of previously unemployed OT graduates noted that they had found work while enrolled in the program;
- 87.5% indicated that they had secured employment within two months of graduation, above the all program average of 80.6%.

**Table 3-9C**

**Time Taken to Find Work – Pre-Program Unemployed (Seeking Employment)**

**OT and All Program Average**

	OT	All Programs
Total number unemployed (pre-program) and seeking employment	106	1255
% who found employment	65.1%	68.6%
% who were unemployed but unavailable to work	8.5%	7.6%
of those who were employed <sup>1</sup> :	64	732
% who found employment while enrolled in the program	26.6%	29.5%
Less than 5 weeks after graduation	50.0%	40.2%
5-8 weeks after graduation	10.9%	10.9%
9-12 weeks after graduation	3.1%	6.3%
13-20 weeks after graduation	0.0%	7.9%
more than 20 weeks after graduation	6.3%	3.1%
don't know	3.1%	2.0%
Total – 2 months or less after graduation <sup>2</sup>	87.5%	80.6%

<sup>1</sup> excludes self-employed respondents and those respondents with a paid job to start at a definite date in the future.

<sup>2</sup> includes those respondents that found work while enrolled in the program.

## EARNINGS OF PTI GRADUATES

Graduates who had found employment, or were working in new or different jobs, were asked to provide an estimate of their current earnings. As many individuals noted that they worked on a part-time basis, caution should be used in the interpretation of the wage information. In order to accurately reflect annual earnings on a full-time basis, wage data is reported for two groups: part-time basis (those who work 30 hours or less per week) and full-time workers (those who work more than 30 hours per week).

Review of the information provided by OT graduates indicates that:

- On average, OT graduates who were working on a part-time basis (30 hours or less per week) reported an estimated average annual salary of \$11,118; graduates who were working on a full-time basis (more than 30 hours per week) reported an average annual salary of \$29,440.
- There was a significant difference in the average annual salary on the basis of respondents pre-program status: those graduates who had been working prior to starting the program earned \$31,522 per year – which was much higher than the \$25,181 per year earned by PTI graduates who found new or different work after completing their program.

*"The format of the program was very good and it was an easy transition back into school. I liked the fact that we had access to most supplies if we needed them."*

**Table 3-9D**  
**Estimated Average Annual Earnings of OT Graduates**  
**by Pre-Program and Current Employment Status**

	Unemployed and Looking for Work Prior to Program		Employed Prior to Program		Program Average <sup>1</sup>	
	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time
Number Reporting	16	47	42	96	51	145
Estimated Average Annual Salary	\$10,884	\$25,181	\$10,166	\$31,522	\$11,118	\$29,440

<sup>1</sup>Includes all respondents irrespective of pre-program status (employed, unemployed and unemployed not available to work)

Note: Part-time defined as 30 hours or less per week; full-time defined as more than 30 hours per week

## PROFILE OF UNEMPLOYED GRADUATES BY EDUCATION LEVEL AND YEARS OF WORK EXPERIENCE

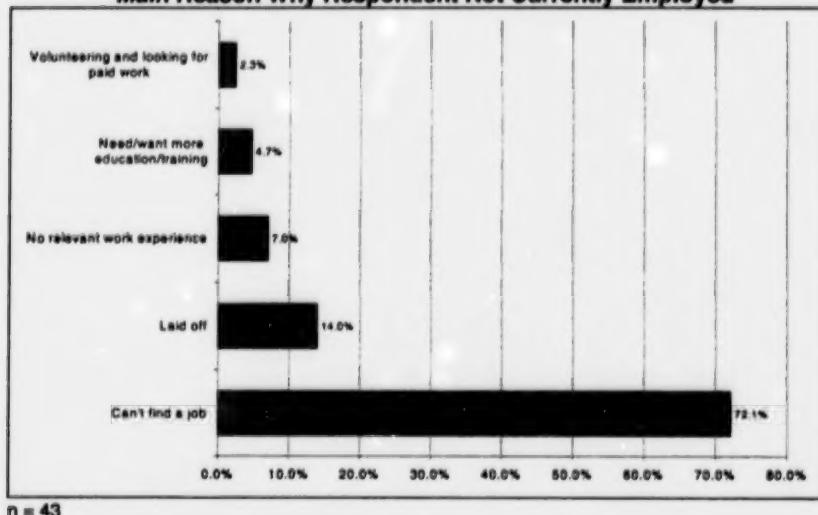
### Main Reason Why Not Working

Highlighted below in Chart 3-9C is the main reason provided by OT respondents why they were not working at the time of the survey, regardless of their pre-program status. As noted in the chart, the top three reasons reported by respondents were they couldn't find a job (72.1%), laid off (14.0%) and lack of relevant work experience (7.0%).

- 28 graduates classified themselves as pre- and post-program unemployed and looking for work. The top reason given for being unemployed was unable to find a job (75.0%).
- 57.1% of pre- and post-program unemployed/looking for work graduates had worked at a job or business at some time since leaving their program while 42.9% indicated that they had not worked at any job or business since completion of their program.
- 96.4% of this same group indicated that they had looked for employment in the last four weeks and some respondents (42.9%) stated that they had searched for work in their field of study.

# 3.9

**Chart 3-9C**  
**Post-Program - Not Working/Looking for Work**  
**Main Reason Why Respondent Not Currently Employed**



## Educational Profile

The Key Statistics table provides a general educational profile of all OT graduates by employment status. Analysis of the data suggests:

- Many pre- and post-program unemployed/looking for work graduates had completed a wide range of post-secondary education prior to enrolling in their program, from a college diploma (17.9%) to a Bachelor's degree (7.1%). None completed a post-graduate degree. There did not appear to be any striking differences on the basis of education or training completed as similar proportions of employed graduates had previously completed a college diploma, Bachelor's degree or post-graduate degree.
- 55.6% of unemployed graduates who had completed high school, and 40.0% of respondents who had completed other post-secondary education, obtained some of their training outside of Canada.
- Three of the 28 graduates who were not employed at the time of the interview have taken further training since the completion of their program. Regarding the type of further education that respondents had been involved in, 33.3% have taken a program at a technical institute and 33.3% have completed a community college diploma/certificate program.
- 33.3% of respondents who took further training had completed their additional training at the time of survey administration.
- Respondents were asked to provide their main reason for enrolling in further studies upon completion of their program. One respondent indicated the main reason for undertaking further studies was the lack of suitable employment opportunities. Another respondent wanted to gain further skills/training and the third respondent was unhappy with the training received in the PTI program.

### **Level of Paid/Unpaid Work Experience**

The following analysis is based on 28 responses provided by pre- and post-program unemployed/looking for work graduates.

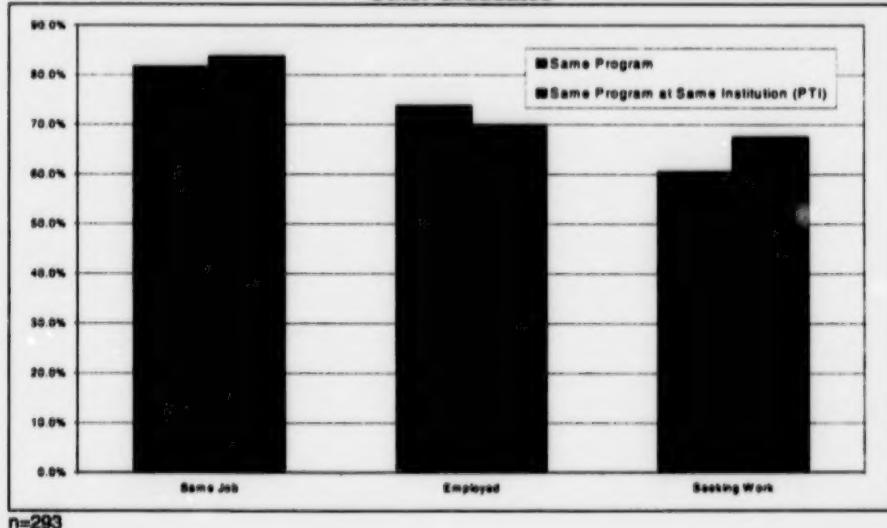
- 74.1% of unemployed respondents had paid related work experience prior to taking their program. Over three-quarters (80.0%) of respondents had three or more years of paid work experience in Canada and 20.0% of respondents had three or more years of work experience outside of Canada.
- Respondents were asked to indicate whether they had any unpaid or volunteer work related to the type of job they were seeking: six respondents indicated that they had done some unpaid or volunteer work.

### **OVERALL SATISFACTION WITH THE EDUCATION AND TRAINING PROVIDED**

To evaluate the quality of programs currently offered by private training institutions and the institutions themselves, respondents were asked, given their experience since completing the program, whether they would choose to study the same program again. Similarly, respondents were asked, given their experience, whether they would choose to study the same program and at the same institution again. Analysis of the data indicates that:

- Overall, 72.4% of OT graduates indicated that, given their experience since graduation, they would again enroll in an OT program. However, those graduates who were employed at the time of the interview were more positive about the program (73.7%) than were those individuals who had not found work after completion of the program (60.5% satisfaction rating).
- 71.3% of OT graduates noted that they would enroll in the same program at the same institution.

**Chart 3-9D**  
**Proportion of Graduates Who Indicated That They Would Enroll InSame Program and Same Program/Same Institution by Current Employment Status**  
**Other Graduates**



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# 3.9

Most respondents provided open-ended comments as to why they would or would not take their respective programs again. These comments were subsequently coded into twenty-two categories of positive or negative reasons. Table 3-9E provides the top five positive and top negative reasons why students would or would not attend the same program again.

Nearly 73% of OT graduates said that they would attend their program again. Positive comments provided by the graduates included that the program provided the knowledge and skills expected by the respondents (22.9%), the program was an enjoyable experience (15.8%), and that the program was necessary to secure employment (8.6%).

Of the top five reasons why students would not enroll in the program again, the most likely reasons were the program was too general (8.4%), the program was too difficult or not enough time was allocated (5.0%), the students were unhappy with the administration (3.8%) or the program did not meet students' expectations (3.8%).

**Table 3-9E**  
**Why Respondents Would or Would Not Choose Program Again - OT**

Respondents Who Would Choose Same Program Again	
•provides knowledge/skills/training expected	22.9%
•enjoyed field of study/experience	15.8%
•found employment/necessary for employment	8.6%
•teachers were great/positive atmosphere/material well taught	8.1%
•personal interest/learned new things	5.0%
•other positive reasons	4.3%
Respondents Who Would Not Choose Same Program Again	
•program too general/not adequately prepared for job	8.4%
•poor job market/educ. not recognized	5.0%
•too difficult/not enough time	3.8%
•learned nothing new/did not meet expectations	3.3%
•unhappy with administration/instruction, etc.	2.9%
•other negative reasons	11.8%
Total	100.0%

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**Table 3-9E**  
**Why Respondents Would or Would Not Choose Program Again - OT**

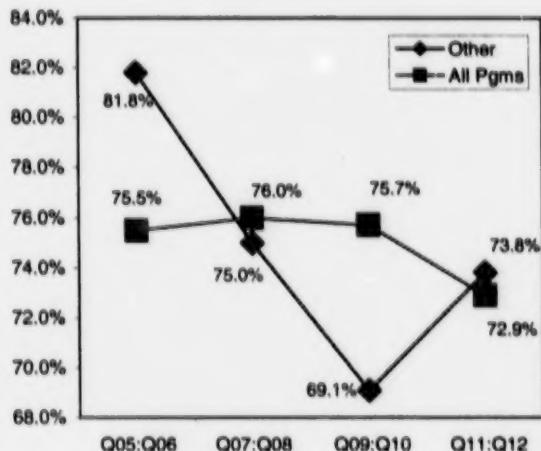
<b>Respondents Who Would Choose Same Program Again</b>	
•provides knowledge/skills/training expected	22.9%
•enjoyed field of study/experience	15.8%
•found employment/necessary for employment	8.6%
•teachers were great/positive atmosphere/material well taught	8.1%
•personal interest/learned new things	5.0%
•other positive reasons	4.3%
<b>Total positive reasons</b>	<b>64.7%</b>
<b>Respondents Who Would Not Choose Same Program Again</b>	
•program too general/not adequately prepared for job	8.4%
•poor job market/educ. not recognized	5.0%
•too difficult/not enough time	3.8%
•learned nothing new/did not meet expectations	3.3%
•unhappy with administration/instruction, etc.	2.9%
•other negative reasons	11.8%
<b>Total negative reasons</b>	<b>35.3%</b>
<b>Total</b>	<b>100.0%</b>

## LONGITUDINAL ANALYSIS

Highlighted below are the changes in the key variables for OT programs. For comparative purposes, the average across all program areas has also been included. The period analyzed includes graduates for the survey reporting period of September 1997 (Q5) to August 1999 (Q12).

### 1. Found Work Rates (previously unemployed graduates)

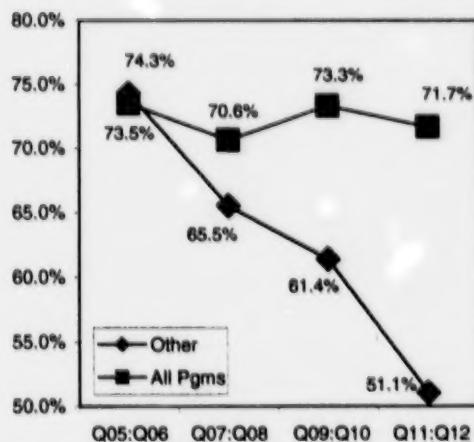
- the found work rate for previously unemployed graduates enrolled in Other program areas has increased from 69.1% for Q9:Q10 graduates to 73.8% for Q11:Q12 graduates.
- OT found work rate rose above the all program average in Q11:Q12.



### 2. Usefulness of Training in Getting Employment

Previously unemployed graduates<sup>1</sup> were asked to rate the usefulness of their training in securing work.

- across all programs in each quarter, approximately seven in ten respondents reported that their training was useful or very useful.
- usefulness ratings provided by OT graduates decreased from 61.4% in Q9:Q10 to 51.1% in Q11:Q12.



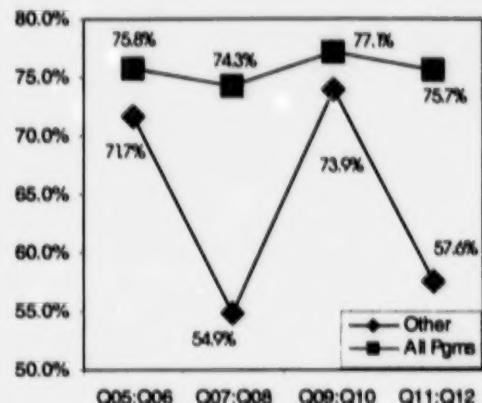
<sup>1</sup>This question was also asked of graduates who were still working for the same employer, performing the same job, but had obtained a second job after completing the program.

# 3.9

## 3. Usefulness of Training in Performing Work Activity

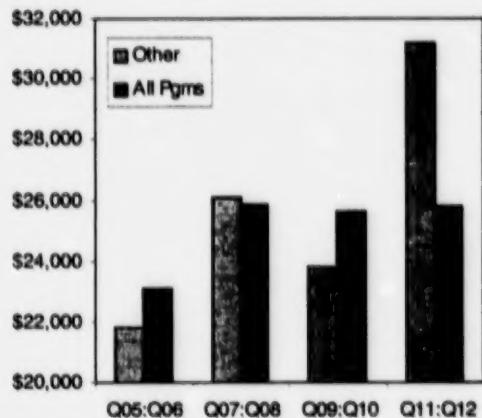
All employed graduates were asked to indicate the extent to which their training helped them perform their current work.

- satisfaction of OT graduates has changed substantially since Q5:Q6, and has recently fallen to well below the all program average in Q11:Q12.



## 4. Average Salary (all graduates working full-time)

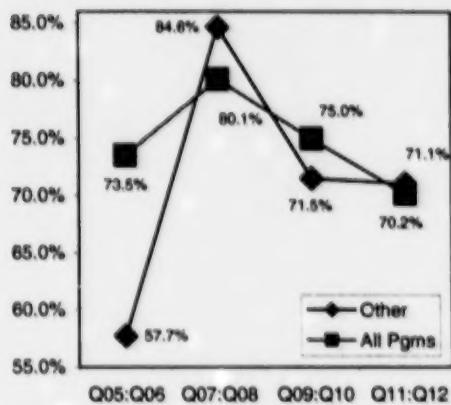
- recent OT graduates (Q11:Q12) reported average salaries of \$31,193, which represents a substantial increase as compared to Q9:Q10 salaries (\$23,800).



### 5. Overall Satisfaction With Program and Institution (all graduates)

Respondents were asked, given their experience, whether they would have enrolled in the same program at the same institution again.

- this rating decreased from 84.6% for all OT graduates in Q7:Q8, to 71.5% of respondents who graduated in Q9:Q10. The downtrend levelled off with a slight decrease in satisfaction (71.1%) reported by graduates in Q11:Q12.
- this is consistent with the views expressed by all graduates of a PTI, as overall (all program) satisfaction levels have decreased steadily over the past three quarters.



3.9

## **Appendix A**

### **Project Background**

1

## **A1. Project Background**

The *On Track: PTOS* was initially funded as a pilot project through a jointly sponsored federal/provincial initiative. The pilot ended on March 31, 1999 and the On Track Steering Committee unanimously agreed to move the management and administration of the On Track Project to CEISS starting April 1, 1999.

The main objectives of the On Track Project are:

- to collect and disseminate outcomes information from graduates of private training programs;
- to provide governments, students and industry with information to foster confidence in the private and community-based training system;
- to support the quality assurance efforts of private and community-based training institutions.

Currently, there are 159 institutions and 7,495 graduates participating in the survey. Graduates are surveyed six months after their estimated program completion date. CEISS conducts the data analysis and publishes the information by program area twice yearly.

Programs that are included in the survey fall into one of these broad categories:

Business Management and Administrative Services  
Computer and Information Services  
Health Professions and Related Sciences  
Visual and Performing Arts  
Personal and Miscellaneous Services  
Construction Trades  
Education  
Marketing Operations and Marketing Distribution  
Other Skills Training Programs

Outlined below are the eligibility criteria that were developed in order to obtain consistent and standard information about both the programs and the respondents. Institutions are asked to code their programs using the CIP (Classification of Institutional Programs) coding system. This allows similar programs, both within the private sector and within the private and public PSE systems to be accurately compared.

### **The survey includes:**

- full-time and part-time skills training programs of greater than 25 hours in duration and whose objective is to provide skills for accessing employment opportunities;
- graduates and near completers (near completers defined as anyone who had completed at least 75% of the program content and who was no longer attending the program);
- skills training programs, not individual courses.

**The survey excludes:**

- international students;
- programs with fewer than 10 graduates per year;
- distance learning programs;
- pre-employment training programs;
- trainees who have left North America;
- early leavers (did not achieve a 75% completion of the program).

**Steering Committee:**

The On Track Project Steering Committee oversees all aspects of the project including issue and change management, approving project deliverables, survey instrument design, cohort definitions, data collection processes, and research and analysis. The Committee consists of representatives from:

Human Resources Development Canada (HRDC)

Ministry of Advanced Education, Training and Technology (MAETT), Student Services Branch

Ministry of Social Development and Economic Security (MSDES), Skills Development Division

BC Career Colleges Association (BCCCA)

Private Post Secondary Education Commission (PPSEC)

Private and Community Based Training Institutions

ASPECT

MOSAIC

**Invited Participants:**

BC Colleges and Institutes Student Outcomes, Outcomes Working Group (OWG)

**For more information about the project and its history, please visit the On Track web site at <http://ontrack.ceiss.org>**

## **A2. Scope of Work**

### **Years One and Two (FY96/97 to FY97/98)**

Pilot testing of the survey instrument began in June 1996. Tables A-2A and A-2B detail the groupings of students surveyed each quarter. Only students who had graduated or completed at least 75% of an eligible program were included in the survey.

**Table A-2A: Year One – Survey Administration**

Month of Graduation/Near Completion	Quarter
March, April, May ('96)	Quarter One (Q1)
June, July, August ('96)	Quarter Two (Q2)
September, October, November ('96)	Quarter Three (Q3)
December ('96), January ('97), February ('97)	Quarter Four (Q4)

**Table A-2B: Year Two – Survey Administration**

Month of Graduation/Near Completion	Quarter
March, April, May ('97)	Quarter Five (Q5)
June, July, August ('97)	Quarter Six (Q6)
September, October, November ('97)	Quarter Seven (Q7)
December ('97), January ('98), February ('98)	Quarter Eight (Q8)

### **Year Three (FY98/99)**

The pilot phase of the project ended on March 31, 1999 and was continued as an official project under the mandate of the Centre for Education Information Standards and Services (CEISS). The quarters included in year three are outlined in Table A-2C below.

**Table A-2C: Year Three – Survey Administration**

Month of Graduation/Near Completion	Quarter
March, April, May ('98)	Quarter Nine (Q9)
June, July, August ('98)	Quarter Ten (Q10)
September, October, November ('98)	Quarter Eleven (Q11)
December ('98), January ('99), February ('99)	Quarter Twelve (Q12)

Prior to October 1997, the participating institutions were required to screen out those students who did not complete at least 75% of their program. In order to streamline the institutions' data collection process and thereby make it easier to participate in the study, the screening process was transferred to CEISS. Institutional data collection was now done upon student enrollment in the program. Estimated graduation dates were submitted for each student and these dates were subsequently used as the first screen to develop each monthly sample.

As noted in previous reports, modifications to the survey instrument were implemented in the Q5, Q6, Q7 and Q8 survey administration periods (survey of March 1997 to February 1998 graduates). Many of these changes were incorporated based on the recommendations of private trainers.

**Appendix B**  
**Overall Work Rates by Region by Program**



## Appendix B

### Overall Employment Rates<sup>(1)</sup> by Program Institutions Period of September 1998 to August 1999

#### VANCOUVER ISLAND

Program	Total Number of Schools	Number of Grads	Schools with 10 or More Graduates	Number of Schools in Employment Rate Ranges			
			0% to 20%	21% to 40%	41% to 60%	61% to 80%	81% or more
<b>Marketing Operations/Marketing Distribution</b>	1	80	1	0	0	0	1
Computer & Information Systems	3	16		0	0	2	0
Personal & Miscellaneous Services	4	117	2	0	0	0	4
Education				0	0	0	0
Construction Trades				0	0	0	0
Visual & Performing Arts	6	97	3	0	0	0	2
Health Professions & Related Sciences	3	90	3	0	0	0	3
Business Management & Administrative Services	15	690	11	0	0	3	3
Other	6	103	3	0	0	0	6

#### LOWER MAINLAND

Program	Total Number of Schools	Number of Grads	Schools with 10 or More Graduates	Number of Schools in Employment Rate Ranges			
			0% to 20%	21% to 40%	41% to 60%	61% to 80%	81% or more
<b>Marketing Operations/Marketing Distribution</b>	3	126	3	0	0	0	2
Computer & Information Systems	14	121	3	0	0	2	7
Personal & Miscellaneous Services	19	311	8	0	1	7	11
Education	5	80	3	0	0	0	1
Construction Trades	6	224	4	0	0	0	4
Visual & Performing Arts	9	150	4	0	0	5	4
Health Professions & Related Sciences	12	372	7	0	1	1	10
Business Management & Administrative Services	48	1825	41	0	0	23	25
Other	17	179	7	0	0	2	11

## Appendix B

Overall Employment Rates<sup>(1)</sup> by Program Institutions Period of September 1998 to August 1999

### THOMPSON-OKANAGAN

Program	Total Number of Schools	Number of Grads	Schools with 10 or More Graduates	0% to 20%	21% to 40%	41% to 60%	61% to 80%	81% or more
<b>Marketing Operations/Marketing Distribution</b>				0	0	0	0	0
Computer & Information Systems	1	24	1	0	0	0	0	0
Personal & Miscellaneous Services	4	94	2	0	0	1	0	1
Education	1	29	1	0	0	0	0	1
Construction Trades				0	0	0	0	0
Visual & Performing Arts	2	2	0	0	0	0	0	0
Health Professions & Related Sciences	3	28	1	0	0	0	0	1
Business Management & Administrative Services	10	313	7	0	0	2	3	5
Other	2	8	0	0	1	0	0	1

### KOOTENAY

Program	Total Number of Schools	Number of Grads	Schools with 10 or More Graduates	0% to 20%	21% to 40%	41% to 60%	61% to 80%	81% or more
<b>Marketing Operations/Marketing Distribution</b>				0	0	0	0	0
Computer & Information Systems				0	0	0	0	0
Personal & Miscellaneous Services	1	22	1	0	0	0	0	1
Education				0	0	0	0	0
Construction Trades				0	0	0	0	0
Visual & Performing Arts				0	0	0	0	0
Health Professions & Related Sciences				0	0	0	0	0
Business Management & Administrative Services	1	15	1	0	0	0	1	0
Other				0	0	0	0	0

**CARIBOO****Appendix B**Overall Employment Rates<sup>(1)</sup> by Program Institutions Period of September 1998 to August 1999

Program	Total Number of Schools	Number of Grads	Schools with 10 or More Graduates	Number of Schools in Employment Rate Ranges				
				0% to 20%	21% to 40%	41% to 60%	61% to 80%	81% or more
Marketing Operations/Marketing Distribution				0	0	0	0	0
Computer & Information Systems				0	0	0	0	0
Personal & Miscellaneous Services	1	15	0	0	0	0	0	1
Education	1	21	1	0	0	0	0	1
Construction Trades				0	0	0	0	0
Visual & Performing Arts				0	0	0	0	0
Health Professions & Related Sciences	1	21	1	0	0	0	0	1
Business Management & Administrative Services	2	28	1	0	0	2	0	0
Other	1	3	0	0	0	1	0	0

## **Appendix C**

### **Found Work Rates for Individuals Not Working Prior to Enrolment – by Region by Program**

**Appendix C**

**Employment Rates<sup>(1)</sup> for Individuals Not Working Prior to Enrollment – By Region By Program**  
**Period September 1998 to August 1999**

**VANCOUVER ISLAND**

Program	Total Number of Schools	Number of Grads	Schools with 10 or More Graduates				Number of Schools in Employment Rate Ranges			
			0% to 20%	21% to 40%	41% to 60%	61% to 80%	81% or more			
Marketing Operations/Marketing Distribution	1	36	0	0	0	0	0	0	0	1
Computer & Information Systems	2	3	0	0	0	0	0	0	0	2
Personal & Miscellaneous Services	1	48	1	0	0	0	0	0	0	1
Education				0	0	0	0	0	0	0
Construction Trades				0	0	0	0	0	0	0
Visual & Performing Arts	3	21	1	0	0	0	0	1	2	
Health Professions & Related Sciences	3	13	0	0	0	0	0	0	0	3
Business Management & Administrative Services	14	255	6	0	0	4	5	4	5	
Other	3	22	1	0	0	0	1	2	1	

**LOWER MAINLAND**

Program	Total Number of Schools	Number of Grads	Schools with 10 or More Graduates				Number of Schools in Employment Rate Ranges			
			0% to 20%	21% to 40%	41% to 60%	61% to 80%	81% or more			
Marketing Operations/Marketing Distribution	3	70	3	0	0	1	1	1	1	
Computer & Information Systems	8	45	1	0	0	3	0	0	3	
Personal & Miscellaneous Services	12	68	2	0	2	0	5	5	5	
Education	2	7	0	0	0	0	1	1	1	
Construction Trades	5	72	1	0	0	2	1	2	2	
Visual & Performing Arts	6	36	1	0	0	1	1	1	3	
Health Professions & Related Sciences	9	74	1	0	0	1	2	2	6	
Business Management & Administrative Services	46	639	19	0	1	4	17	23	23	
Other	12	81	2	0	0	3	4	5	5	

**Appendix C**

**Employment Rates<sup>(1)</sup> for Individuals Not Working Prior to Enrollment – By Region By Program**  
**Period September 1998 to August 1999**

**THOMPSON-Okanagan**

Program	Total Number of Schools	Number of Grads	Schools with 10 or More Graduates	Number of Schools in Employment Rate Ranges			
				0% to 20%	21% to 40%	41% to 60%	61% to 80%
Marketing Operations/Marketing Distribution				0	0	0	0
Computer & Information Systems	1	6		0	0	0	0
Personal & Miscellaneous Services	3	10		0	2	0	5
Education	1	1		0	0	0	1
Construction Trades				0	0	0	0
Visual & Performing Arts	1	1		0	0	0	0
Health Professions & Related Sciences	2	6		0	0	0	2
Business Management & Administrative Services	9	92	1	0	0	4	0
Other	1	2		0	0	1	0

**Kootenay**

Program	Total Number of Schools	Number of Grads	Schools with 10 or More Graduates	Number of Schools in Employment Rate Ranges			
				0% to 20%	21% to 40%	41% to 60%	61% to 80%
Marketing Operations/Marketing Distribution				0	0	0	0
Computer & Information Systems				0	0	0	0
Personal & Miscellaneous Services	2			0	0	0	0
Education				0	0	0	0
Construction Trades				0	0	0	0
Visual & Performing Arts				0	0	0	0
Health Professions & Related Sciences				0	0	0	0
Business Management & Administrative Services	1	5		0	0	1	0
Other				0	0	0	0

**Appendix C****Employment Rates<sup>(1)</sup> for Individuals Not Working Prior to Enrollment – By Region By Program****Period September 1998 to August 1999****CARIBOO**

Program	Total Number of Schools	Number of Grads	Schools with 10 or More Graduates	Number of Schools in Employment Rate Ranges			
				0% to 20%	21% to 40%	41% to 60%	61% to 80%
Marketing Operations/Marketing Distribution				0	0	0	0
Computer & Information Systems				0	0	0	0
Personal & Miscellaneous Services	1		0	0	0	0	0
Education				0	0	0	0
Construction Trades				0	0	0	0
Visual & Performing Arts				0	0	0	0
Health Professions & Related Sciences	1	1	0	0	0	0	1
Business Management & Administrative Services	2	10	0	0	0	1	0
Other	1	1	0	0	0	0	0

**Appendix D**  
**Detailed Statistical Tables by Region by Program Area**

## POST-PROGRAM EMPLOYED TRAINEE PROFILE BY REGION (PRE-PROGRAM NOT WORKING/LOOKING)

Basic Demographic Total		Marketing										Retail										Health										Business Services													
		Agricultural Operations					Manufacturing					Consumer Services					Entertainment					Protective Services					Manufacturing					Production					Transportation & Warehousing					Food & Accommodation Services			
number of respondents currently employed*	1	43	2	30	42	5	6	15	2	17	20	10	6	2	32	60	625	864																											
All individuals in employed household prior to or since date of future work/gaining on contract and unemployed	1	27%	40	2	29	59	6	7%	1	2%	1%	16	4	2%	14	2%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%								
All individuals in employed household prior to or since date of future work/gaining on contract and unemployed	1	100%	83%	100%	83%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%								
All individuals in employed household prior to or since date of future work/gaining on contract and unemployed	1	43	2	30	42	5	6	15	2	17	20	10	6	2	32	60	625	864																											
All individuals in employed household prior to or since date of future work/gaining on contract and unemployed	1	27%	40	2	29	59	6	7%	1	2%	1%	16	4	2%	14	2%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%								
All individuals in employed household prior to or since date of future work/gaining on contract and unemployed	1	100%	83%	100%	83%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%								
All individuals in employed household prior to or since date of future work/gaining on contract and unemployed	1	43	2	30	42	5	6	15	2	17	20	10	6	2	32	60	625	864																											
Relationship of job to program																																													
Very related																																													
Somewhat related																																													
Not at all related																																													
Don't know/no response																																													
Relationship of training in marketing job																																													
Very related																																													
Somewhat related																																													
Not very related																																													
Not at all related																																													
Don't know/no response																																													
Relationship of training in performing job																																													
Very related																																													
Somewhat related																																													
Not very related																																													
Not at all related																																													
Don't know/no response																																													
Average of all results general training for individuals																																													

POST-PROGRAM EMPLOYED TRAINEE PROFILE BY REACH (PRE-PROGRAM NOT WORKING/ALOCATIONAL)

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**POST-PROGRAM EMPLOYED TRAINEE PROFILE BY REGION (PRE-PROGRAM NOT WORKING/LOOKING)**

Yourselves (Total Count)		Thompson - Ontario		Thompson - Quebec		Montreal - Quebec & Administrative Region Total	
Number of respondents correctly assigned*	Number of respondents incorrectly assigned*	Marketing Operations	Computer & Information Systems	Productive Services	Transportation & Material Moving	Health Professions & Related Sciences	Business Management & Administration Sciences
6	2	26	1	11	1	16	10
Job satisfaction of employed respondents (not yet in work or leisure time in future) working/looking for (current) and unemployed	47%	2	7	1	1	1	1
Employment	4	14	8	6	2	17	26
Part-time	67%	50%	50%	50%	50%	50%	50%
Don't know/no response	2	11	2	1	1	1	1
Unemployment	33%	50%	47%	47%	47%	47%	47%
Job satisfaction of employed respondents (not yet in work or leisure time in future) working/looking for (current) and unemployed	47%	2	7	1	1	1	1
Employment	4	14	8	6	2	17	26
Part-time	67%	50%	50%	50%	50%	50%	50%
Don't know/no response	2	11	2	1	1	1	1
Participation of job in program	1	1	1	1	1	1	1
Very useful	40%	75%	75%	75%	75%	75%	75%
Somewhat useful	33%	25%	25%	25%	25%	25%	25%
Not very useful	22%	10%	10%	10%	10%	10%	10%
Don't know/no response	3%	2%	2%	2%	2%	2%	2%
Unlikelihood of taking in securing job	6	26	1	10	1	11	11
Very useful	50%	87%	87%	87%	87%	87%	87%
Somewhat useful	33%	4%	4%	4%	4%	4%	4%
Not very useful	17%	10%	10%	10%	10%	10%	10%
Don't know/no response	3%	1%	1%	1%	1%	1%	1%
Unlikelihood of taking in performing job	6	26	1	10	1	11	11
Very useful	2	12	2	1	1	1	1
Somewhat useful	33%	10%	10%	10%	10%	10%	10%
Not very useful	33%	33%	33%	33%	33%	33%	33%
Don't know/no response	33%	2	2	1	1	1	1
Ability to make own living after program	100	620	1022	1600	820	900	1000

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THE NEW POST-MODERN TRAGEDY IN THEATER IN TURKEY

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Community categories or  
Individual identities

Highly qualified teachers receive intensive training and support.

Singer's *Principles*

Mr D Segura (Speaker)	
Others	
Did not participate in program	
Don't understand question	

**PRE- AND POST-PROGRAM WORKFORCE PROFILE BY REGION**

British Columbia Total		Pre-Program Workforce										Post-Program Workforce										
		Industry					Sector					Industry					Sector					
Pre-Program	Post-Program	Manufacturing	Services	Construction	Transportation & Utilities	Manufacturing	Services	Construction	Transportation & Utilities	Manufacturing	Services	Construction	Transportation & Utilities	Manufacturing	Services	Construction	Transportation & Utilities	Manufacturing	Services	Construction	Transportation & Utilities	
Programmed work experience																						
New workers	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
Don't know/no response	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
Programmed work experience																						
New workers	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
Don't know/no response	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
Amount of actual work experience in Canada																						
New workers	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
Don't know/no response	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
Amount of actual work experience outside Canada																						
New workers	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
Don't know/no response	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17

Amount of actual work experience outside Canada  
None  
Less than one year  
1 year or more but less than 2 years  
2 years or more but less than 3 years  
3 years or more

FIG. 2. AND POST-FACULTY WORKING PROFILE BY REGION

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**PRE- AND POST-PROGRAM NOT WORKING TRAINEE PROFILE BY REGION**

		Lower Mainland - Ontario										Vancouver - Alberta									
		Ontario					Alberta					Alberta					Alberta				
		Industry	Computer Software	Manufacturing	Services	Education	Engineering Related	Vocational Training	Production Services	Production	Construction	Manufacturing	Trade	Production Services	Manufacturing	Construction	Manufacturing	Trade	Production Total	BC Total	
Previous post-work experience																					
Planned	7	6%	5	3%	4	3%	7	3%	3	2	4	2%	2	2	6	11	11	157	505		
Not related	6	6%	6	3%	1	1%	1	1%	11	2	1	1%	1	1%	27	37	117	317			
Own household income	3	3%	3	100%	2	100%	1	100%	4	4%	1	100%	1	100%	5	5	14	35	305		
Total	16	10	12	1	5	6	1	10	5	7	5	1	2	1	7	102	102	352			
Previous original work experience																					
Planned	5	2%	6	1%	3	3%	1	1%	7	1%	1	1%	1	1%	3	2	28	50	46		
Not related	6	4%	5	5%	5	5%	5	5%	11	4	1	1%	1	1%	74	125	125	125			
Own Household Income	3	2%	3	100%	2	100%	1	100%	6	6%	1	100%	1	100%	5	5	14	20	47		
Total	14	10	12	1	5	6	1	10	5	7	5	1	2	1	7	92	92	202			
Amount of related work experience in Ontario																					
None	1	4%	4															2	11	11	
Less than one year	1	6%																36	105	105	
1 year or more but less than 2 years	1	6%																10	32	32	
2 years or more but less than 3 years	1	6%																7	17	17	
3 years or more	1	6%																4	12	12	
Total	7	6	6	5	5	5	4	5	5	7	5	1	2	1	7	33	33	111			
Amount of related work experience outside Ontario																					
None	0	0%	2	1%														0	10	10	
Less than one year	0	0%																0	10	10	
1 year or more but less than 2 years	0	0%																2	2	2	
2 years or more but less than 3 years	0	0%																2	2	2	
3 years or more	0	0%																0	0	0	
Total	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

Note: Data from Department of Employment and Training survey

Period of September 1988 to August 1989

PRE- AND POST-PROGRAM NOT WORKING TRADEES PROFILE BY REGION

Degree of participation (%)	Age range of respondents (%)	Pre-program		Post-program		Pre-program		Post-program		Pre-program		Post-program	
		Region	Trade	Region	Trade	Region	Trade	Region	Trade	Region	Trade	Region	Trade
None	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
No response	none	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
2	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
3	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
4	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
5	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
6	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
7	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
8	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
9	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
10	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
11	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
12	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
13	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
14	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
15	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
16	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
17	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
18	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
19	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
20	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
21 to 25	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
26 to 30	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
31 to 35	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
36 to 40	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
41 to 45	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
46 to 50	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
51 to 55	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
56 to 60	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
61 to 65	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
over 65	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Previous education of respondents (%)

High school graduate  
or high school graduate  
Diploma/No response

Higher Post Secondary Education

Diploma/Certification  
Community college or diploma  
Technical Institute Diploma/Certificate

Hospital School of Nursing/RN  
Professional association Diploma/Certificate  
Management Training Certificate Program  
University Diploma/Certificate from Individual's Degree  
Bachelor degree  
Post Graduate degree  
University Diploma/Certificate from Individual's Degree  
Master's degree  
Ph.D. degree Doctorate

Other

Diploma complete program

Diploma No response

Note: Blank cells represent zero respondents or missing data

Period of September 1988 to August 1989

Page: 160 Post-Production Tools: More Than Just Color

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WEBSITE DESIGN FOR HIGHLY TECHNICAL INDUSTRIES

**PRE- AND POST-PROGRAM NOT WORKING TRAINEE PROFILE BY REGION**

Industry	Ontario			Outside British Columbia		
	Healthcare	Business Management	Business Administration	Computer & Information Systems	Business Administration & Management Services	Region Total
Previous paid work experience (Total)	1	1	2	1	1	5
Not related	1	1	1	1	1	5
Don't know/No response	1	1	1	1	1	5
Previous unpaid work experience (Total)	1	1	2	1	1	5
Not related	1	1	2	1	1	5
Don't know/No response	1	1	2	1	1	5
<i>Amount of related work experience in Canada</i>						
None	1	1	1	1	1	5
Less than one year	1	1	1	1	1	5
1 year or more but less than 2 years	1	1	1	1	1	5
2 years or more but less than 3 years	1	1	1	1	1	5
3 years or more	1	1	1	1	1	5
<i>Amount of related work experience outside Canada</i>						
None	1	1	1	1	1	5
Less than one year	1	1	1	1	1	5
1 year or more but less than 2 years	1	1	1	1	1	5
2 years or more but less than 3 years	1	1	1	1	1	5
3 years or more	1	1	1	1	1	5

Region	Gender	Age Group of Recipients (%)	Age Group of Recipients (%)										
			Less than 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70
North America	Male	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
North America	Female	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
Europe	Male	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
Europe	Female	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
Africa	Male	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
Africa	Female	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
Asia	Male	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
Asia	Female	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
Oceania	Male	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
Oceania	Female	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
Middle East	Male	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
Middle East	Female	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
Latin America	Male	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
Latin America	Female	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
South America	Male	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
South America	Female	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
Other	Male	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
Other	Female	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0

Program Education or Information (%)  
High school graduation  
No high school graduation  
Diploma/degree

High School Graduate Education  
Program Information

Postsecondary education or diploma  
Community college or diploma  
Technical institute/diploma/degree

Postsecondary education/diploma/degree  
Management Training Certification Program  
University/Postsecondary or below Bachelor's degree

Postsecondary diploma  
University/Postsecondary above Bachelor's degree

Master's degree  
Ph.D./Doctorate

Other

Postsecondary diploma  
University/Postsecondary above Bachelor's degree

Master's degree  
Ph.D./Doctorate

Other

Diploma/degree

Other

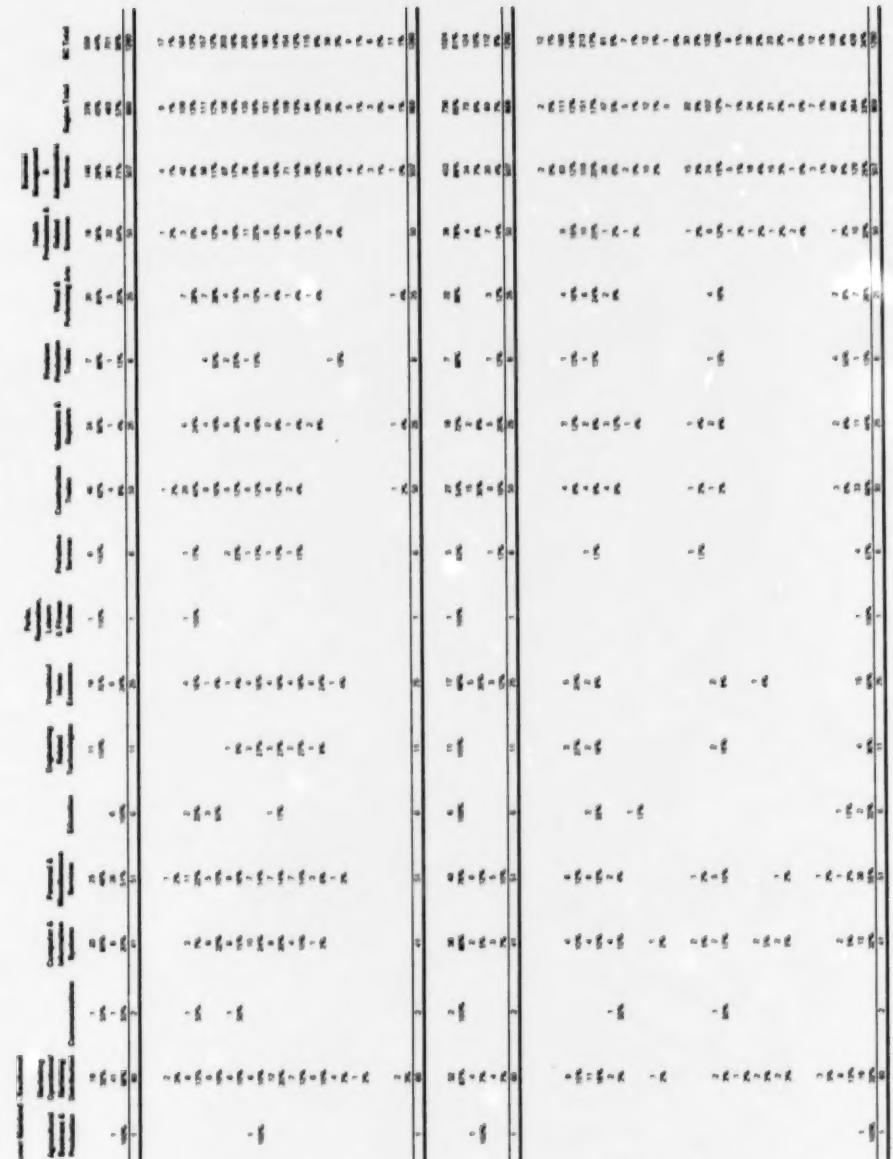
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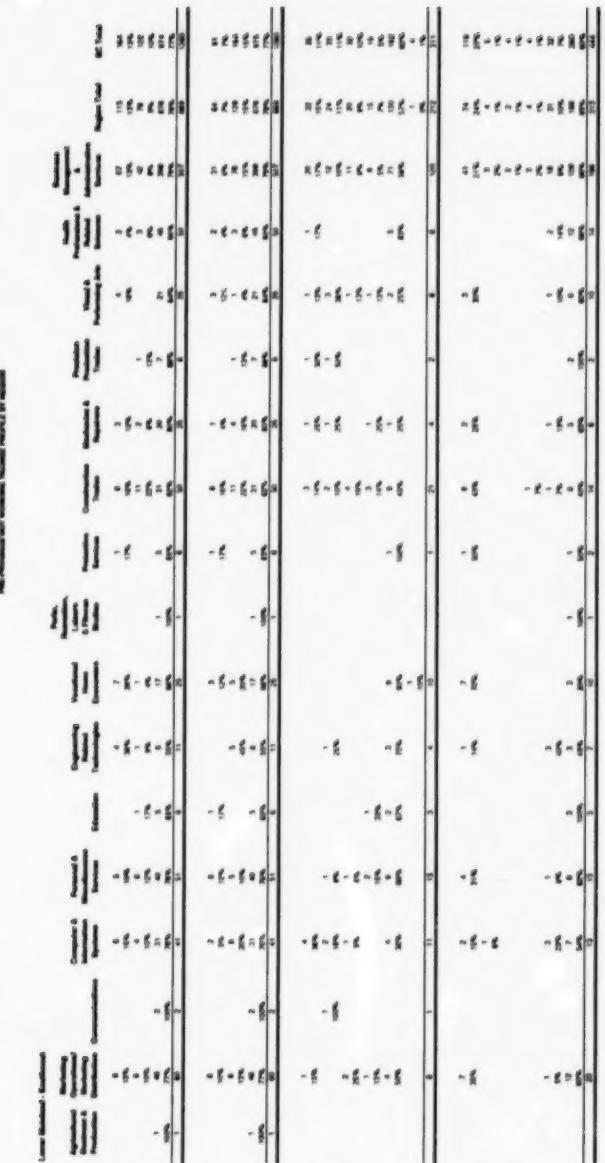
三

Not written  
Oral transmission

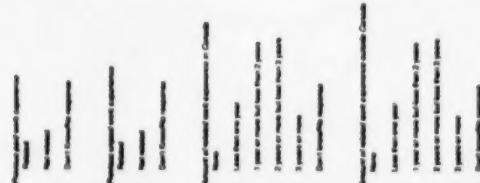
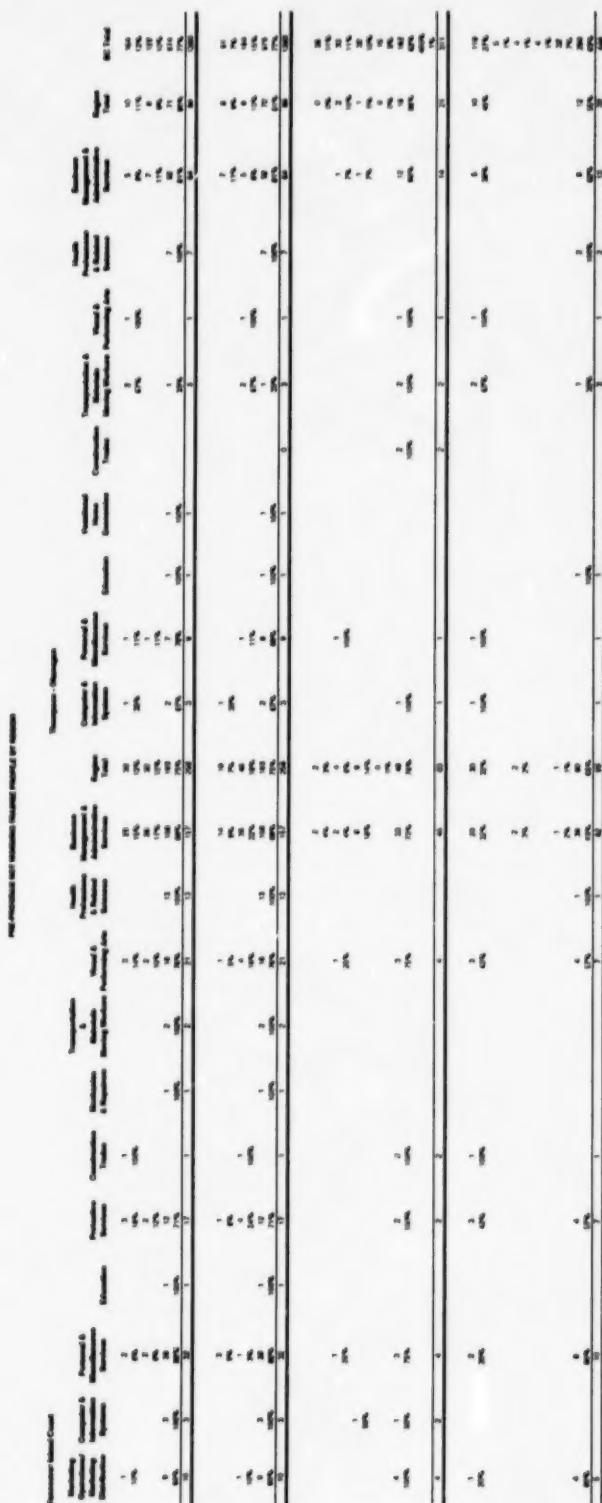
1 year or more (not in Ontario)	1 year or more (in Ontario)
Less than one year	Less than one year
2 years or more (not in Ontario)	2 years or more (in Ontario)
3 years or more	3 years or more

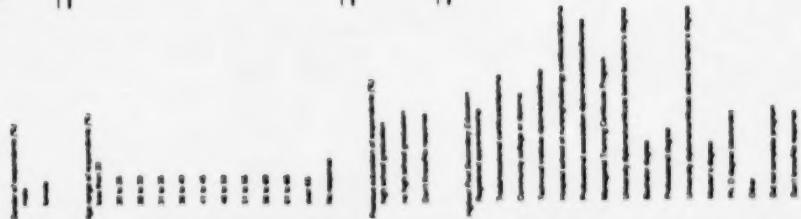
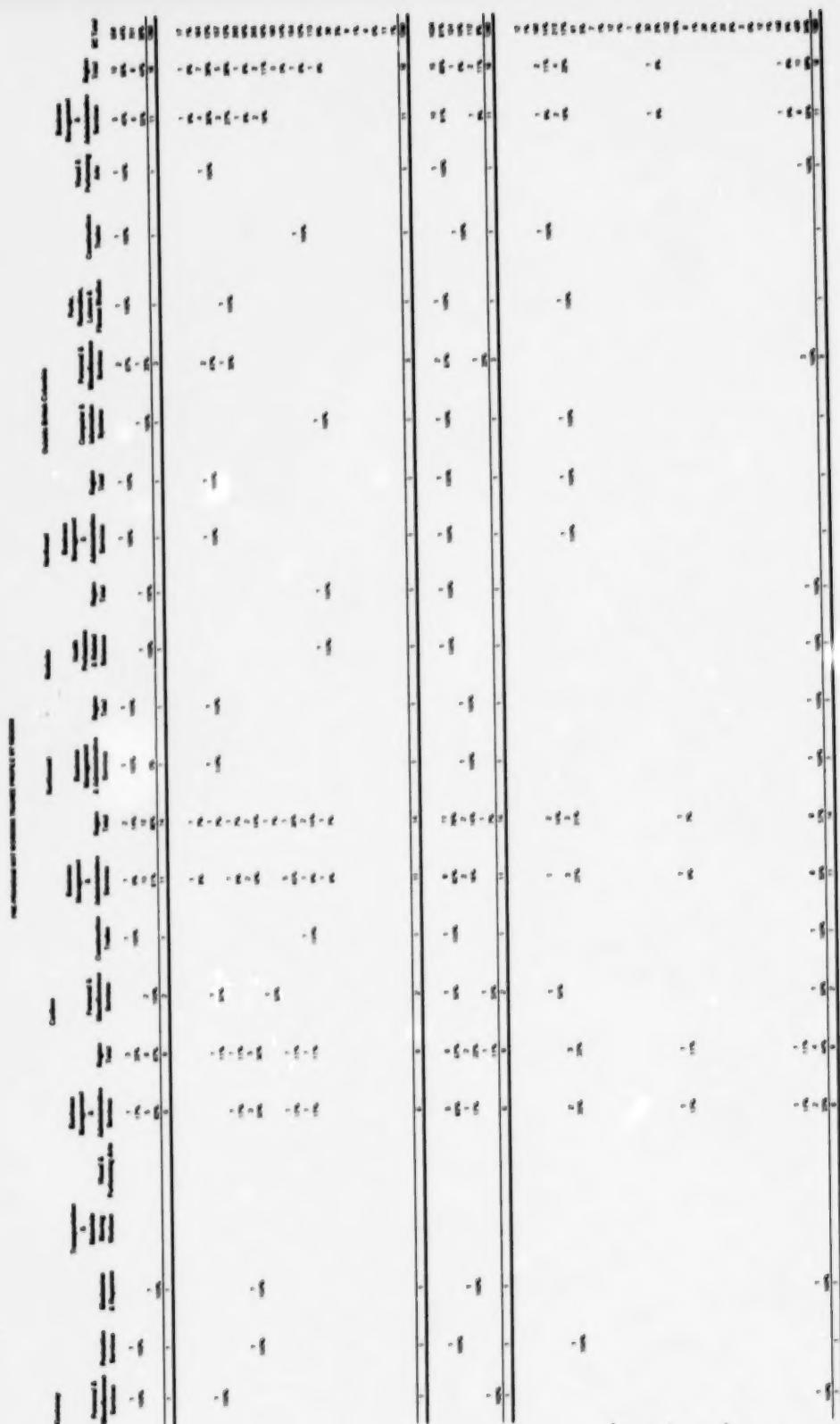
1 year or more but less than 2 years	2 years or more but less than 3 years	3 years or more
1 week or more but less than 2 weeks	2 weeks or more but less than 3 weeks	3 weeks or more



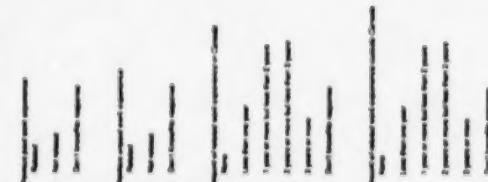








	1	2	3	4	5	6
1	-t-t-t-t-	-t-t-t-	-t-t-	-t-	-t-	-t-
2	-   -t-t-t-	-t-t-	-t-	-t-	-t-	-t-
3	ij	-t-	-t-	-t-	-t-	-t-
4		-t-	-t-	-t-	-t-	-t-
5		-t-	-t-	-t-	-t-	-t-
6		-t-t-	-t-t-	-t-t-	-t-t-	-t-t-
7		-t-	-t-	-t-	-t-	-t-
8		-t-	-t-	-t-	-t-	-t-
9		-t-	-t-	-t-	-t-	-t-
10		-t-	-t-	-t-	-t-	-t-
11		-t-	-t-	-t-	-t-	-t-
12		-t-t-t-	-t-t-t-	-t-t-t-	-t-t-t-	-t-t-t-
13		-t-t-t-	-t-t-t-	-t-t-t-	-t-t-t-	-t-t-t-
14	ij	-t-	-t-	-t-	-t-	-t-
15		-t-	-t-	-t-	-t-	-t-
16		-t-	-t-	-t-	-t-	-t-
17		-t-	-t-	-t-	-t-	-t-
18		-t-	-t-	-t-	-t-	-t-



## **Appendix E**

### **Survey Instrument**



## ON TRACK PRIVATE TRAINING OUTCOME SURVEY

Hello, my name is \_\_\_\_\_ and I am calling on behalf of [INSTITUTION]. Our firm has been contracted by Human Resources Development Canada and the Ministry of Advanced Education, Training, and Technology to conduct a survey of former trainees from [INSTITUTION]. The purpose of the survey is to determine your training outcomes and your level of satisfaction with the training you received at your institution.

The information you provide will be treated confidentially. Your participation in this survey is voluntary. The information will only be used by the Ministry and [INSTITUTION] to help improve their services and program offerings to current and new students. This survey takes about 20 minutes.

May I do the survey with you at this time?

All the information that you give us will be treated confidentially.

1. Our records indicate that your name is: [FIRST] [LAST]. Is this correct?  
How do you spell your last name? \_\_\_\_\_
2. Our records show that you live in [CITY]. Is this correct?  
In what city do you live? \_\_\_\_\_

### A. SURVEY ELIGIBILITY

- A1. To confirm, did you attend (or enroll/register at) [INSTITUTION]?  
[IF NO, DON'T KNOW, OR NO RESPONSE THEN ATTEMPT TO PROBE. IF DID NOT ATTEND OR ENROLL THEN THANK AND TERMINATE.]
- A2. The records indicate that you were in the [PROGRAM NAME] program. Is that correct?
- A3. [IF A2=NO]  
What did you study? (Confirm name of program)
- A4. How many hours of classroom training per week did you attend?
- A5. How many weeks did you attend this program?
- A6. Did you complete your program?
  1. Yes [GO TO SECTION B]
  2. No, still in program [GO TO A6B]
  3. No, did not complete [GO TO A7]

---

### PROGRAM IN PROGRESS:

- A6b. When is your expected graduation date? (month, year)

Unfortunately, this survey is intended for graduates of a program. We would like to contact you six months after your graduation.

- A6d. Could you please provide an alternate phone number which we will only contact if we're unable to reach you at your current number? (i.e. parents, relative, friend). THANK AND TERMINATE

---

**PROGRAM NOT COMPLETED, NOT IN PROGRESS:**

- A6e.** Did you start your program? [IF "YES" GO TO A7]  
**(SURVEYORS: RESPONDENT MAY HAVE ENROLLED OR SIGNED UP FOR THE COURSE BUT NEVER STARTED ATTENDING CLASSES.)**

**A6f.** [IF A6E=NO] Why didn't you start the program? \_\_\_\_\_

**THANK AND TERMINATE**

---

**PROGRAM STARTED, BUT NOT COMPLETED:**

- A7.** What is the main reason you did not complete your program?
1. Changed mind about program/job goals or plans changed
  2. Transferred to/qualified for admission at other institution
  3. Disappointed with program or college/institute
  4. Disappointed with own performance/failed program
  5. Got a job/decided to work
  6. Inconvenience (e.g. transportation, scheduling, etc.)
  7. Personal circumstances (e.g. health, family)
  8. Other

**A7a.** Specify other reason: \_\_\_\_\_

- A8.** What portion of the program did you complete? Would you say...
1. 3/4 or more [GO TO SECTION B]
  2. between 1/2 to 3/4
  3. less than 1/2 of the program

**IF ¾ OR MORE, THEN CONTINUE. IF LESS THAN ¾, THANK & TERMINATE.**

That completes the survey!  
 Thank you very much for your time!

---

**B. PAST EDUCATION**

- B1.** Before attending \_\_\_\_\_, did you complete secondary (high) school?
- B2.** [IF HIGH SCHOOL COMPLETED]  
 Did you complete all of your high school education in Canada?
- B3.** [IF HIGH SCHOOL NOT COMPLETED]  
 What is the highest grade you completed in Canada?
- B4.** [IF HIGH SCHOOL NOT COMPLETED]  
 In total, how many years of PRIMARY and HIGH SCHOOL did you complete outside Canada?  
**SURVEYOR NOTE: DOES NOT INCLUDE COLLEGE OR UNIVERSITY**
- B5.** Did you take any other post-secondary education before taking [PROGRAM] at [INSTITUTION]?  
[IF "NO" GO TO B8]

- B6. What is the highest level of post-secondary education you completed before attending [INSTITUTION]? PROMPT: WHERE DID YOU TAKE THIS PROGRAM?
1. Registered apprenticeship
  2. Trade/vocational certificate or diploma
  3. Community college or diploma
  4. Technical institute diploma/certificate
  5. Hospital School of nursing or school of radiology certificate or diploma
  6. Professional association diploma, certificate or license (e.g. CGA, real estate license)
  7. Managerial Training Certificate Program
  8. University diploma/certificate below bachelor's degree
  9. Bachelor's degree (e.g. B.A., B.Sc., B.Ed., BASc., B.Eng.)
  10. Professional degree (e.g. degree in law, medicine, dentistry, etc.)
  11. University diploma/certificate above bachelor's degree
  12. Master's Degree (e.g. MA, MSc, MEd, MBA, etc.)
  13. Ph.D. (e.g. doctorate, D.Sc., DEd)
  14. Other
  15. Did not complete program [GO TO B8]

B6a. Specify other education level: \_\_\_\_\_

B7. Did you complete this education in Canada?

B8. Since leaving [INSTITUTION], have you taken any further training towards a degree, diploma, certificate, or license? [IF "NO" GO TO C1]  
SURVEYOR NOTE: REFERS TO COURSES THAT COULD BE APPLIED FOR CREDIT, CERTIFICATION OR PROFESSIONAL ACCREDITATION. DO NOT INCLUDE SHORT CONTINUING EDUCATION COURSES. IF APPLIED BUT NOT YET ATTENDED MARK "NO". IF THE RESPONDENT IS TAKING COURSES, ASK IF THESE ARE TOWARDS A DEGREE, DIPLOMA, CERTIFICATE OR LICENSE.

B9. What type of education or training was/is this? PROMPT: WHERE DID YOU TAKE THIS COURSE/PROGRAM?

1. Registered apprenticeship
2. Trade/vocational certificate or diploma
3. Community college or diploma
4. Technical institute diploma/certificate
5. Hospital School of nursing or school of radiology certificate or diploma
6. Professional association diploma, certificate or license (e.g. CGA, real estate license)
7. Managerial Training Certificate Program
8. University diploma/certificate below bachelor's degree
9. Bachelor's degree (e.g. B.A., B.Sc., B.Ed., BASc., B.Eng.)
10. Professional degree (e.g. degree in law, medicine, dentistry, etc.)
11. University diploma/certificate above bachelor's degree
12. Master's Degree (e.g. MA, MSc, MEd, MBA, etc.)
13. Ph.D. (e.g. doctorate, D.Sc., DEd)
14. Other

B9a. Specify other education level: \_\_\_\_\_

B9b. Have you completed this training?

- B10. What is the MAIN reason you enrolled in further studies after completing your [PROGRAM NAME] program?
1. Wanted to change fields
  2. Lack of suitable employment opportunities
  3. Wanted to study at an advanced level

4. General interest/personal development
5. For career advancement
6. Had a career goal (i.e. wanted to be teacher, engineer, etc.)
7. Other

B10a. Specify other reason for enrollment: \_\_\_\_\_

B11. Are you currently attending school? [IF "NO" GO TO C1]

B12. [IF CURRENTLY ATTENDING]

How many hours of classroom training per week do you attend?

### C. EVALUATION OF EDUCATION

C1. To answer the next question, think back to when you first started the [PROGRAM NAME] program at [INSTITUTION]. What was your main reason for enrolling in the program?

0. Required by employer at that time
1. To get a job
2. To get a better job somewhere else
3. Learn new job skills
4. Improve existing work skills
5. Change careers/start own business
6. To get a better job/wage at same place of employment
7. Complete a diploma or certificate [GO TO C1B]
8. Qualify to enter another diploma
9. Couldn't get into university/college
10. Personal Interest
11. Other

C1a. Specify other reasons: \_\_\_\_\_

C1b. [IF MAIN REASON WAS TO COMPLETE A DIPLOMA OR CERTIFICATE]

Was this mostly for:

1. Reasons related to work?
2. Personal Interest?

C2. To what extent did you meet your main reason for enrolling in the [PROGRAM NAME] program? [Scale 1-4, 1=Completely Met, 4=Not Met at all]]

C3. To what extent did the [PROGRAM NAME] program provide you with the skills you expected? [Scale 1-4, 1=To a great extent, 4=Not at all]]

C4. Given your experience since completing your \_\_\_\_\_ program, if you could make your choice again, would you choose to study this program?

C4a. Why would you (why wouldn't you) choose to study the same program again?

---

SURVEYOR NOTE: PLEASE MAKE SURE THE COMMENT ANSWERS THIS QUESTION

C5. Given your experience since completing your program, if you could make your choice again, would you choose to attend [INSTITUTION] to study this program?

C5a. Why would you (why wouldn't you) attend [INSTITUTION] again?

---

SURVEYOR NOTE: MAKE SURE THE COMMENT ANSWERS THE QUESTION

C6. In the next questions, I want you to rate certain aspects of the [PROGRAM NAME] program at [INSTITUTION] using a scale from 1 to 5, where 1 is Very Good and 5 is Very Poor.  
(SURVEYOR NOTE: RATING IS TO BE ON AVERAGE.)

C6a. How would you rate the content of the program? [1-5]

C6b. How would you rate the instruction you received? [1-5]

C6c. How would you rate the learning materials? [1-5]

C6d. How would you rate the computer hardware? [1-5]

C6e. How would you rate the computer software? [1-5]

C6f. How would you rate the equipment other than computers? [1-5]

#### D. ACTIVITIES PRIOR TO PROGRAM (PRE-PROGRAM STATUS)

D1. Just before enrolling in the [PROGRAM NAME] program, would you classify yourself as either working or not working?

1. Working/On Contract [GO TO D2]
2. Working as Self-Employed [GO TO D4]
3. Not Working

D1a. [IF NOT WORKING]

Specifically, what was your major activity just before enrolling in your program?

1. Going to school
2. Looking for work
3. Taking care of family/household
4. Travelling/Out of the country
5. Illness/sick/on disability
6. On maternity leave
7. Doing something else \_\_\_\_\_
8. Unemployed and NOT looking for work (i.e., by choice)

[IF NOT WORKING, GO TO SECTION E]

---

#### PRE-PROGRAM WORKING:

D2. [IF WORKING/ON CONTRACT]

Just before enrolling, on average, how many hours per week were you working?

D3. [IF WORKING/ON CONTRACT]

Are you currently working for the same employer? [IF "NO" GO TO D6]

D3a. [IF SAME EMPLOYER]

Are you currently performing the same job? [IF "NO" GO TO D5]

D4. [IF SELF-EMPLOYED]

Are you currently operating the same business? [IF "NO" GO TO SECTION E]

D5. Is this your MAIN job, that is, the job at which you worked the most hours last week?

[IF "NO" GO TO E10]

D5a. In total, how many jobs do you currently have?      1. One    2. Two    3. Three or more  
 [GO TO E17]

**D6. [IF NO LONGER PERFORMING SAME JOB]**

What is the main reason you left that job?

- Left job because of:
1. Own illness or disability
  2. Personal or family responsibilities
  3. Going to school
  4. Found new job
  5. Changed residence
  6. Dissatisfied with job (low pay, working conditions, hours, transportation, no opportunity for advancement)
  7. Lack of job security or reduction in hours

- Job ended due to :
8. Company moving or going out of business
  9. Lost job or laid off
  10. Labour dispute (strike or lockout)
  11. Dismissed by the employer
  12. Other
  13. Wanted to change careers
  14. Started own business

D6a. Please specify other reason: \_\_\_\_\_

**E. CURRENT EMPLOYMENT (POST-PROGRAM STATUS)**

**E1. PRESENTLY, would you classify yourself as working or not working?**

1. Working/working on contract [GO TO E10]
2. Working - Self Employed [GO TO E20]
3. Not Working [GO TO E2]

**POST-PROGRAM NOT WORKING:**

**E2. Do you have a paid job to start in the next four weeks?**

1. Yes [GO TO E7]
3. No

**E3. You said you are not currently employed. What is the main reason?**

1. Can't find work
2. Have not looked for work [GO TO E7]
3. Salary too low in work available
4. Laid off
5. Need/want more education/training
6. No relevant work experience
7. Don't have required license, trade certificate or union membership
8. Attending school [GO TO E7]
9. Family/other responsibilities [GO TO E7]
10. Health reasons [GO TO E7]
11. Other
12. Travelling [GO TO E7]
16. Not yet legally entitled to work in Canada [GO TO SECTION F]
17. Volunteering & not looking for paid work by choice [GO TO E7]
18. Not working & not looking for paid work by choice [GO TO E7]
19. Volunteering and looking for paid work

E3a. Please specify OTHER reason: \_\_\_\_\_

- E4. Did you actively look for work in the last four weeks? [IF "NO" GO TO E7]
- E5. Are you looking for work in the same field that you studied in the [PROGRAM NAME] program or in another field?  
1. In same field      2. In another field      3. In any field in which I can find work

E5a. Please specify OTHER field: \_\_\_\_\_

---

POST-PROGRAM NOT WORKING-PREVIOUS RELATED WORK/VOLUNTEER EXPERIENCE

E6a. Before taking the [PROGRAM NAME] program, did you have any paid work experience which is related to the job you are seeking? [IF "NO" GO TO E6d]

- E6b. How many years of that work experience were in Canada?
1. None
  2. Less than one year
  3. 1 year or more but less than 2 years
  4. 2 years or more but less than 3 years
  5. 3 years or more

E6c. How many years of that work experience were outside of Canada?

1. None
2. Less than one year
3. 1 year or more but less than 2 years
4. 2 years or more but less than 3 years
5. 3 years or more

E6d. Before taking the [PROGRAM NAME] program, did you do any unpaid or volunteer work which is related to the job you are seeking?

---

POST-PROGRAM NOT WORKING-EMPLOYMENT EXPERIENCE SINCE PROGRAM

- E7. Have you worked at a job or business at any time since leaving the [PROGRAM NAME] program? [IF "NO" GO TO SECTION F]
- E8. Thinking of your first job after leaving the [PROGRAM NAME] program, to what extent was that job related to the training that you took in that program? Would you say...  
1. Very related      2. Somewhat related      3. Not at all related
- E9. For how many weeks did you work at the first job after leaving the [PROGRAM NAME] program?

[GO TO SECTION F IF POST-PROGRAM NOT WORKING]

---

**POST-PROGRAM WORKING-EMPLOYMENT INFORMATION**

- E10. How many jobs do you currently have?    1. One    2. Two    3. Three or more  
[IF "DON'T KNOW" OR "NO RESPONSE" GO TO SECTION F]

The next questions ask about your main job, which is the job at which you worked the most hours last week.

- E11. Did you get this job while you were attending the [PROGRAM NAME] program?  
(SURVEYOR NOTE: YES = BEFORE OR WHILE ATTENDING)  
[IF "YES" GO TO E17]

- E12. About how many weeks did you spend actively looking for this job?

- E13. About how many weeks have you been working at this job?

- E14. Is it a temporary or a permanent position?  
(SURVEYOR: REFERS TO THE TYPE OF POSITION, NOT WHETHER THE RESPONDENT  
NOTE WANTS TO CONTINUE IN THE JOB.)

- E15. What is the level of education/training required by the employer for this job? [UP TO 2  
RESPONSES]

1. Less than Grade 12
2. High school diploma
3. Some trade/office certification/diploma
4. Trade/office certification/diploma
5. Less than university degree
6. Bachelor's degree
7. First professional degree
8. Master's
9. Doctorate
10. No educational requirement
11. Professional Certification (e.g., Teacher's certificate, etc.)
12. Other

E15a. Please specify OTHER level: \_\_\_\_\_

- E16. How useful was your training in the [PROGRAM] program in helping you get this job?  
[Scale 1-4, 1=Very useful, 4=Not at all useful]

---

**POST-PROGRAM WORKING-PREVIOUS RELATED WORK EXPERIENCE**

- E16a. Before studying in the [PROGRAM NAME] program, did you have any paid work experience  
which is related to your current job?    [IF "NO" GO TO E16D]

- E16b. How many years of that work experience were in Canada?

- E16c. How many years of that work experience were outside of Canada?

- E16d. Before taking the [PROGRAM NAME] program, did you do any unpaid or volunteer work which  
is related to your current job?

---

**POST-PROGRAM WORKING-JOB DESCRIPTION:****E17. [IF WORKING/ON CONTRACT]**What is your job title?      **NOC RECODE**

(SURVEYOR: REFERS TO MAIN JOB IF RESPONDENT HAS MORE THAN ONE JOB. GIVE FULL DESCRIPTION: E.G. ELEMENTARY SCHOOL TEACHER, RECREATION DEPARTMENT SUPERVISOR, SHOE SALESPERSON)

**E18. [IF WORKING/ON CONTRACT]**

What are your main duties? [List 3]

SURVEYOR NOTE: REFERS TO DUTIES THAT OCCUPY THE BULK OF THE RESPONDENT'S TIME ON THE JOB

**E19. [IF WORKING/ON CONTRACT]**

For whom do you work? (Name of business, government dept. or agency, or person)

**E20. [IF SELF-EMPLOYED]**

What is the name of your business?

E21. What kind of business, industry, or service is it? (Give full description: e.g. elementary school, municipal government, retail shoe store) **NAICS RECODE**

E22. How many hours do you work, on average, each week at your main job?

E23. What is your approximate gross salary or wage from your (main) job, before deductions?

SURVEYOR: GROSS SALARY OR WAGE = TOTAL SALARY OR WAGES BEFORE DEDUCTIONS

Pay:    1. Hourly

2. Bi-Weekly (every two weeks)

3. Monthly (multiply semi-monthly by 2 to get monthly)

4. Annually

5. Other

8. Don't Know

9. No Response

Wage: \$ \_\_\_\_\_

E23b. Specify OTHER category of payment:

SURVEYORS: This would make the respondent's annual salary \$ \_\_\_\_\_ per year.

The respondent has just said that they get paid \_\_\_\_\_, at \$ \_\_\_\_\_ per \_\_\_\_\_, working \_\_\_\_\_ hours per week. If this makes sense, for the kind of job and hours worked, proceed. If not, go back and check previous answers.

E24. How useful has your education/training in the [PROGRAM NAME] program been in performing your job? [Scale 1-3, 1=Very Useful, 2=Slightly Useful, 3=Not at all useful]

E25. How related is your current main job to the education/training you took in the [PROGRAM NAME] program? [Scale 1-3, 1=Very Related, 2=Slightly Related, 3=Not At All Related]

## F. EMPLOYMENT EQUITY QUESTIONS

The next questions collect information needed to support programs which promote equal opportunity for everyone.

**F1.** Do you have a long-term condition or health problem that limits, or which you feel is perceived by others as limiting, the kind or amount of activity you can do in the workplace? SURVEYOR NOTE: IF NOT WORKING: "WOULD YOU BE LIMITED IF YOU WERE WORKING?"

**F1a.** Could you describe the nature of your disability? ALL THAT APPLY, UP TO 5 RESPONSES (SURVEYOR NOTE: IF REQUIRED, "WITH WHAT TYPES OF ACTIVITIES DO YOU HAVE DIFFICULTY?")

1. Mobility (difficulty moving around)
2. Coordination or dexterity (difficulty using hand, arm)
3. Blind or visually impaired
4. Deaf or hard of hearing
5. Speech (unable to speak or difficulty speaking)
6. Other (specify): \_\_\_\_\_

**F2.** Are you an aboriginal person? (that is, a North American Indian or a member of a First Nation; or Metis; or Inuit) (SURVEYOR NOTE: NORTH AMERICAN INDIANS OR MEMBERS OF A FIRST NATION INCLUDE STATUS, TREATY OR REGISTERED INDIANS, AS WELL AS NON-STATUS AND NON-REGISTERED INDIANS) [IF "YES" GO TO F4]

**F3.** Are you, because of your race or colour, in a visible minority group in Canada? (SURVEYOR NOTE: A PERSON IN A VISIBLE MINORITY IS SOMEONE (OTHER THAN AN ABORIGINAL PERSON) WHO IS NON-WHITE IN COLOUR/RACE, REGARDLESS OF PLACE OF BIRTH. A WOMAN DOES NOT COUNT AS A VISIBLE MINORITY.)

**F4.** How would you rate your ability to read in English? Would you say it is...  
1. Very good    2. Good    3. Not very good

**F4a.** How would you rate your ability to write in English? Would you say it is...  
1. Very good    2. Good    3. Not very good

**F4b.** How would you rate your ability to speak in English? Would you say it is...  
DO NOT READ THIS QUESTION IF THE RESPONDENT IS CONVERSING WELL IN ENGLISH  
1. Very good    2. Good    3. Not very good

**F5.** Funds for training can come from many sources. Who paid the training costs for your [PROGRAM NAME] program at [INSTITUTION]? ANSWER ALL THAT APPLY - RANK IN ORDER OF IMPORTANCE - TOP 3 SOURCES

1. Own savings/earnings/loans
2. Family
3. Employer
4. Other savings
5. Employment Insurance (CEC/HRCC)
6. Human Resources (MAETT/MHR/MSDES)
7. Ministry of Aboriginal Affairs
8. First Nations (Band)
9. Workers Compensation/other insurance
10. Student Assistance Program
11. Apprenticeship Board
12. Other

F5a. Please specify OTHER: \_\_\_\_\_

- F6. While enrolled in the [PROGRAM NAME] program, from what sources did you receive assistance for living expenses?

ANSWER ALL THAT APPLY - RANK IN ORDER OF IMPORTANCE - TOP 3 SOURCES

1. Own savings/earnings/loans
2. Family
3. Employer
4. Other savings
5. Employment Insurance (CEC/HRCC)
6. Human Resources (MAETT/MHR)
7. Ministry of Aboriginal Affairs
8. First Nations (Band)
9. Workers Compensation/other insurance
10. Student Assistance Program
11. Apprenticeship Board
12. Other

F6a. Please specify OTHER source of financial help: \_\_\_\_\_

- F7. To avoid duplication of inquiry, HRDC and the Ministry of Advanced Education are planning to share the information that you have provided with [INSTITUTION]. Do you agree to share your information with [INSTITUTION]?

#### CONFIRMATION OF DEMOGRAPHIC INFORMATION

CONFIRM ALL THE FOLLOWING WITH THE RESPONDENT

To finish up, I need to confirm some demographic information with you.

1. Gender (SURVEYOR NOTE: DO NOT ASK THIS - YOU SHOULD KNOW BY NOW!)
2. In which of the following age categories do you belong?

1. less than 20 years	7. 46-50 years
2. 20-25 years	8. 51-55 years
3. 26-30 years	9. 56-60 years
4. 31-35 years	10. 61-65 years
5. 36-40 years	11. 65 + years
6. 41-45 years	
3. Could you please provide us with your postal code?  
1. Yes \_\_\_\_\_
4. Our records show that your phone number is [PHONE #]. Is this correct?  
What is your correct phone number? \_\_\_\_\_

That completes the survey!

Thank you very much for your time!

**Appendix F**  
**List of Institutional Program Areas**

Institution Name	Program Type
Academy of Learning - Broadway Station	BMAS
Academy of Learning - Burnaby	BMAS
Academy of Learning - Clearbrook	BMAS
Academy of Learning - Coquitlam	BMAS
Academy of Learning - Cranbrook	BMAS
Academy of Learning - Downtown	BMAS
Academy of Learning - Kamloops	HP/RS & BMAS
Academy of Learning - Kelowna	BMAS
Academy of Learning - Langley	BMAS
Academy of Learning - Nanaimo	C/IS & BMAS
Academy of Learning - Penticton	BMAS
Academy of Learning - Prince George	BMAS
Academy of Learning - Richmond	BMAS
Academy of Learning - Salmon Arm	VPA & HP/RS & BMAS
Academy of Learning - Surrey	BMAS
Academy of Learning - Vernon	VPA & BMAS
Academy of Learning - Victoria	BMAS
Academy of Learning - Westside	BMAS
Advance School of Hair Design	P/MS
Amber Education Services	MO/MD
Ardent Training Services Inc. - Burnaby	BMAS
Ardent Training Services Inc. - Vancouver	BMAS
Barkel Business School Ltd.	BMAS
Blanche Macdonald Centre for Applied Design	P/MS
British Columbia Helicopters Ltd.	OT
Burnaby College Ltd.	ED & BMAS & OT
Business Training Institutes of Canada Inc.	BMAS
Campbell River Business College	BMAS
Canadian Acupressure Institute Inc.	HP/RS
Canadian College of Business & Language	VPA
Canadian Tourism College - Surrey Campus	BMAS
Canadian Tourism College - Vancouver Campus	BMAS
CDI College of Business & Technology - Abbotsford	C/IS & BMAS & OT
CDI College of Business & Technology - Burnaby	C/IS & BMAS
CDI College of Business & Technology - Coquitlam	BMAS
CDI College of Business & Technology - Surrey	C/IS & BMAS & OT
CDI College of Business & Technology - Vancouver	C/IS & BMAS & OT
CDI College of Business & Technology - Victoria	C/IS & BMAS & OT
Central Interior Regional Training Institute Inc.	OT
CHCA Canadian Health Care Academy	HP/RS
Columbia Academy of Radio, Television & Recording Arts	VPA & OT
Community Futures Development Corporation of Thompson Country	BMAS
CompuCollege School of Business - Abbotsford	BMAS
CompuCollege School of Business - Burnaby	BMAS & OT
CompuCollege School of Business - Kelowna	BMAS
CompuCollege School of Business - Richmond	C/IS & BMAS
CompuCollege School of Business - Surrey	C/IS & BMAS & OT
CompuCollege School of Business - Vancouver	C/IS & BMAS
CompuCollege School of Business - Victoria	BMAS
Computer Master Training Centre	C/IS & VPA & BMAS
Cornerstone Academy	BMAS
Cranbrook Chamber of Commerce	BMAS
Delorey Security and Defence Academy Inc.	OT
Excel Career College - Courtenay	BMAS
Excel Career College Inc.	P/MS & BMAS & OT
Fox Consulting Services	OT
Fox Professional Driving Centre (1993) Inc.	OT

Institution Name	Program Type
Fraser-Pacific College Inc.	BMAS
Front Multimedia	C/IS & VPA
Gateway Careers Inc.	HP/RS
Hair Art Academy	P/MS
Hair Education Centre, The	P/MS
Headhunters School of Beauty	P/MS
Helen Lefeuax Inc. School of Fashion Design	VPA
Hollywood North School of Beauty	P/MS
Horizon College Burnaby/Vancouver Campuses	MO/MD & HP/RS & BMAS
Image School of Hairdressing	P/MS
Interconnect	BMAS
Interior Academy of Hair Design Kamloops Ltd.	P/MS
International Hairdressing School Ltd.	P/MS
Jeannie's Skin Care & Makeup Esthetics Institute	P/MS
Jim Reger Group, The	BMAS
Joji's Hair Academy	P/MS
Joslin Business Training Centre	C/IS & BMAS
Kam-ed Institute Inc.	BMAS
Kimiko's School of Hair Design	P/MS
Kootenay School of Hairdressing	P/MS
Langley College	ED
Life Skills Training Centres (Canada) Ltd.	ED
M&I Art Institute of Beauty Hair Aesthetics Nail Technology	P/MS
Maple Ridge School of Esthetics	P/MS
McMillan College, The Training Centre	P/MS
Mennonite Central Committee of British Columbia	MO/MD
Metro Training Institute (Surrey and Vancouver)	CT & VPA & BMAS & OT
Monashee Business College	BMAS
Mosaic	MO/MD & BMAS
N.W.C.C. Professional Training Centre	BMAS
North Shore Continuing Education/Employment Training Division	CT & BMAS
Northern B.C. School of Hairdressing	P/MS
NV Food & Service Resource Group Ltd.	P/MS
Okanagan Marvel School of Hair & Esthetics (2 locations)	P/MS
P.E.N. International travel Training Centre	BMAS
Pacific Design Academy	VPA & OT
Pacific Vocational College Ltd.	CT
Paul da Costa Aveda Institute	P/MS
PD Seminars, Ltd.	OT
Pitman Business College Ltd.	BMAS
Prince George Dyslexic Support Society	ED
Pro-soft Training Institute	BMAS
Procare Institute Inc	HP/RS
Professional Development Institute of Tourism	VPA & BMAS
Ray's International Academy of Hair Design & Esthetics	P/MS
RCABC Roofing Institute	Apprentice & CT
Rhodes Career College	ED
Richmond School of Hairdressing	P/MS
Ridge Meadows Business & Career Training Centre	P/MS & ED & VPA & OT
S.U.C.C.E.S.S.	P/MS & OT
Safeway Driver Training School (1980) Ltd.	OT
Sanctuary Foundation	OT
Sprott-Shaw Community College - Chilliwack	HP/RS & BMAS
Sprott-Shaw Community College - Coquitlam	C/IS & HP/RS & BMAS
Sprott-Shaw Community College - Duncan	C/IS & HP/RS & BMAS

<b>Institution Name</b>	<b>Program Type</b>
Sprott-Shaw Community College - New Westminster	C/IS & HP/RS & BMAS
Sprott-Shaw Community College - Surrey	C/IS & HP/RS & BMAS
Sprott-Shaw Community College - Vancouver	C/IS & HP/RS & BMAS
Sprott-Shaw Community College - Victoria	HP/RS & BMAS
Stenberg College	P/MS & HP/RS & OT
Suki's Advanced Academy	P/MS
Summit Career College	ED & HP/RS
Swanson's Canadian Institute of electrolysis	P/MS
The Family Therapy Centre	OT
Tideline Ventures Inc.	BMAS
Tile Terrazzo & Marble Training Facility	CT
Touchpoint Institute of Reflexology and Kinesthetics	HP/RS
Trebas Institute	VPA & BMAS
U.F.C.W. Local 2000 Training Centre	P/MS & CT & VPA & OT
Universal Learning Institute Ltd.	BMAS
Valle School of Beauty	P/MS
Vanarts	VPA
Vancouver College Job Training Centre	BMAS
Vancouver Diving Institute	OT
Vancouver Film School-Multimedia & 3D Campus	VPA
Victoria Motion Picture School	VPA
West Coast College of Health Care	HP/RS
Western Academy of Photography	VPA & OT
Westguard Security Training Institute	OT
Westnet Computers & Training Ltd.	BMAS

MO/MO = Marketing Operations/Marketing Distribution

C/IS = Computer and Information Systems

P/MS = Personal and Miscellaneous Services

ED = Education

CT = Construction Trades

VPA = Visual and Performing Arts

HP/RS = Health Professions and Related Sciences

BMAS = Business Management and Administrative Services